

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034064.D
 Acq On : 07 Feb 2023 16:26
 Operator : JC/MD
 Sample : VX0209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBS01

Quant Time: Feb 07 16:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	136526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64934	49.335	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.680%		
35) Dibromofluoromethane	5.385	113	58478	49.005	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	8.647	98	207556	48.275	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.560%		
62) 4-Bromofluorobenzene	11.079	95	75330	49.057	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22381	20.166	ug/l	95
3) Chloromethane	1.295	50	19186	18.319	ug/l	96
4) Vinyl Chloride	1.374	62	20207	18.423	ug/l	98
5) Bromomethane	1.612	94	12617	22.338	ug/l	100
6) Chloroethane	1.691	64	11467	18.906	ug/l	98
7) Trichlorofluoromethane	1.892	101	35028	20.072	ug/l	96
8) Diethyl Ether	2.130	74	10956	18.253	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	22316	19.153	ug/l	92
10) Methyl Iodide	2.453	142	31322	18.975	ug/l	93
11) Tert butyl alcohol	2.953	59	19231	104.290	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	21217	18.980	ug/l	89
13) Acrolein	2.233	56	22006	88.975	ug/l	98
14) Allyl chloride	2.666	41	33882	18.590	ug/l	91
15) Acrylonitrile	3.063	53	56236	95.072	ug/l	99
16) Acetone	2.374	43	50062	90.056	ug/l	93
17) Carbon Disulfide	2.514	76	50086	17.660	ug/l	99
18) Methyl Acetate	2.703	43	33800	19.546	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	68623	19.908	ug/l	100
20) Methylene Chloride	2.788	84	23903	18.795	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	23162	19.024	ug/l	95
22) Diisopropyl ether	3.758	45	70241	19.529	ug/l	97
23) Vinyl Acetate	3.721	43	261180	95.361	ug/l	96
24) 1,1-Dichloroethane	3.611	63	40930	19.743	ug/l	99
25) 2-Butanone	4.550	43	74811	92.421	ug/l	92
26) 2,2-Dichloropropane	4.477	77	29384	19.430	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	27273	19.474	ug/l	96
28) Bromochloromethane	4.898	49	15108	16.575	ug/l	86
29) Tetrahydrofuran	5.001	42	50281	97.666	ug/l	97
30) Chloroform	5.093	83	42203	19.533	ug/l	97
31) Cyclohexane	5.471	56	36368	18.974	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	37312	20.052	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32048	19.588	ug/l	98
37) Ethyl Acetate	4.709	43	28907	18.966	ug/l	97
38) Carbon Tetrachloride	5.678	117	33910	19.433	ug/l	96
39) Methylcyclohexane	7.379	83	38460	18.675	ug/l	96
40) Benzene	6.038	78	93042	19.654	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034064.D
 Acq On : 07 Feb 2023 16:26
 Operator : JC/MD
 Sample : VX0209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 16:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	16893	19.695	ug/l	96
42) 1,2-Dichloroethane	6.086	62	33740	20.975	ug/l	99
43) Isopropyl Acetate	6.336	43	46070	19.382	ug/l	98
44) Trichloroethene	7.123	130	28512	19.597	ug/l	97
45) 1,2-Dichloropropane	7.428	63	23003	19.681	ug/l	98
46) Dibromomethane	7.580	93	16762	20.018	ug/l	94
47) Bromodichloromethane	7.824	83	31460	19.827	ug/l	97
48) Methyl methacrylate	7.690	41	24095	19.634	ug/l	95
49) 1,4-Dioxane	7.665	88	10776	456.170	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	147137	98.688	ug/l	98
52) Toluene	8.720	92	61489	20.043	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30920	19.385	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34663	19.101	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24995	20.397	ug/l	97
56) Ethyl methacrylate	9.116	69	33884	19.798	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39765	19.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	73901	92.804	ug/l	96
59) 2-Hexanone	9.427	43	108390	99.342	ug/l	97
60) Dibromochloromethane	9.519	129	26731	19.682	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26416	20.047	ug/l	97
64) Tetrachloroethene	9.275	164	27331	19.875	ug/l	96
65) Chlorobenzene	10.080	112	66836	19.651	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	25533	19.866	ug/l	100
67) Ethyl Benzene	10.195	91	114886	19.956	ug/l	99
68) m/p-Xylenes	10.299	106	91580	39.798	ug/l	99
69) o-Xylene	10.640	106	45120	20.416	ug/l	99
70) Styrene	10.653	104	73559	20.209	ug/l	98
71) Bromoform	10.799	173	20621	19.669	ug/l #	99
73) Isopropylbenzene	10.964	105	117240	20.048	ug/l	99
74) N-amyl acetate	10.842	43	36533	18.963	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	34375	19.536	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	27760m	18.476	ug/l	
77) Bromobenzene	11.195	156	33063	20.389	ug/l	96
78) n-propylbenzene	11.305	91	128877	19.931	ug/l	100
79) 2-Chlorotoluene	11.366	91	78478	20.044	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	98651	20.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8638	17.705	ug/l	97
82) 4-Chlorotoluene	11.451	91	89455	20.201	ug/l	98
83) tert-Butylbenzene	11.713	119	100386	19.961	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	99235	20.406	ug/l	98
85) sec-Butylbenzene	11.890	105	119868	19.921	ug/l	100
86) p-Isopropyltoluene	12.006	119	105230	19.940	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	58515	19.665	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	59815	19.800	ug/l	98
89) n-Butylbenzene	12.329	91	81172	19.618	ug/l	100
90) Hexachloroethane	12.536	117	15479	18.631	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	57865	19.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6627	19.153	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	40142	19.577	ug/l	99
94) Hexachlorobutadiene	13.725	225	19182	18.900	ug/l	100
95) Naphthalene	13.774	128	113292	20.110	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	39967	19.404	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
Data File : VX034064.D
Acq On : 07 Feb 2023 16:26
Operator : JC/MD
Sample : VX0209WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0209WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 16:51:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034064.D
 Acq On : 07 Feb 2023 16:26
 Operator : JC/MD
 Sample : VX0209WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0209WBS01

Quant Time: Feb 07 16:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

