

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033940.D
 Acq On : 30 Jan 2023 12:43
 Operator : JC/MD
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 04:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73988	44.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.860%		
35) Dibromofluoromethane	5.385	113	68925	49.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.940%		
50) Toluene-d8	8.647	98	242854	48.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	92812	49.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20373	16.300	ug/l	100
3) Chloromethane	1.294	50	25154	18.218	ug/l	98
4) Vinyl Chloride	1.374	62	25072	18.713	ug/l	100
5) Bromomethane	1.605	94	16863	21.906	ug/l	96
6) Chloroethane	1.685	64	15542	18.763	ug/l	99
7) Trichlorofluoromethane	1.892	101	39618	18.234	ug/l	98
8) Diethyl Ether	2.130	74	15564	21.877	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	24761	20.209	ug/l	94
10) Methyl Iodide	2.453	142	33524	19.083	ug/l	91
11) Tert butyl alcohol	2.953	59	23004	79.520	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	23514	18.272	ug/l	90
13) Acrolein	2.233	56	32935	123.392	ug/l	100
14) Allyl chloride	2.666	41	41005	16.894	ug/l	89
15) Acrylonitrile	3.056	53	71040	93.309	ug/l	99
16) Acetone	2.374	43	63194	96.831	ug/l	93
17) Carbon Disulfide	2.514	76	47785	15.960	ug/l	99
18) Methyl Acetate	2.703	43	43499	18.717	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	78539	17.572	ug/l	99
20) Methylene Chloride	2.788	84	27742	17.533	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	25411	16.891	ug/l	95
22) Diisopropyl ether	3.757	45	85502	17.508	ug/l	97
23) Vinyl Acetate	3.721	43	319160	86.815	ug/l	98
24) 1,1-Dichloroethane	3.611	63	46800	17.516	ug/l	99
25) 2-Butanone	4.550	43	96497	88.688	ug/l	97
26) 2,2-Dichloropropane	4.477	77	32841	17.159	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	30801	17.808	ug/l	96
28) Bromochloromethane	4.897	49	24387	20.038	ug/l	95
29) Tetrahydrofuran	5.001	42	61593	89.817	ug/l	96
30) Chloroform	5.093	83	49122	17.950	ug/l	99
31) Cyclohexane	5.471	56	40478	16.519	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	40930	17.518	ug/l	99
36) 1,1-Dichloropropene	5.696	75	34267	17.022	ug/l	98
37) Ethyl Acetate	4.708	43	36747	17.259	ug/l	99
38) Carbon Tetrachloride	5.678	117	36947	17.721	ug/l	99
39) Methylcyclohexane	7.379	83	41613	16.739	ug/l	99
40) Benzene	6.038	78	105711	18.016	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033940.D
 Acq On : 30 Jan 2023 12:43
 Operator : JC/MD
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2023
 Supervised By : Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 04:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21254	19.159	ug/l	96
42) 1,2-Dichloroethane	6.086	62	36842	17.718	ug/l	98
43) Isopropyl Acetate	6.336	43	57348	18.045	ug/l	98
44) Trichloroethene	7.129	130	30931	18.851	ug/l	95
45) 1,2-Dichloropropane	7.428	63	27520	18.723	ug/l	97
46) Dibromomethane	7.580	93	18937	18.445	ug/l	96
47) Bromodichloromethane	7.824	83	36303	18.348	ug/l	97
48) Methyl methacrylate	7.690	41	28958	18.089	ug/l	96
49) 1,4-Dioxane	7.665	88	12662	357.573	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	190483	97.596	ug/l	99
52) Toluene	8.720	92	69917	18.452	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	36468	18.430	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	41461	18.700	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	29109	19.407	ug/l	99
56) Ethyl methacrylate	9.116	69	41186	19.512	ug/l	96
57) 1,3-Dichloropropane	9.305	76	47787	19.648	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97740	94.020	ug/l	97
59) 2-Hexanone	9.427	43	139684	102.826	ug/l	98
60) Dibromochloromethane	9.519	129	31181	20.052	ug/l	99
61) 1,2-Dibromoethane	9.610	107	30452	20.344	ug/l	99
64) Tetrachloroethene	9.275	164	28970	19.839	ug/l	97
65) Chlorobenzene	10.079	112	79254	19.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	30317	20.074	ug/l	97
67) Ethyl Benzene	10.195	91	131981	18.732	ug/l	99
68) m/p-Xylenes	10.299	106	106552	38.663	ug/l	98
69) o-Xylene	10.640	106	52830	19.330	ug/l	99
70) Styrene	10.653	104	87965	19.790	ug/l	99
71) Bromoform	10.799	173	25012	19.764	ug/l #	99
73) Isopropylbenzene	10.963	105	137600	18.035	ug/l	99
74) N-amyl acetate	10.842	43	48610	17.388	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	43679	19.255	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	34712m	17.746	ug/l	
77) Bromobenzene	11.195	156	38209	18.790	ug/l	97
78) n-propylbenzene	11.305	91	152512	17.556	ug/l	99
79) 2-Chlorotoluene	11.366	91	91585	17.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115079	17.964	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11250	17.874	ug/l	98
82) 4-Chlorotoluene	11.451	91	106998	18.017	ug/l	99
83) tert-Butylbenzene	11.713	119	119929	18.855	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	114142	18.836	ug/l	99
85) sec-Butylbenzene	11.890	105	143353	18.842	ug/l	100
86) p-Isopropyltoluene	12.006	119	124997	19.190	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69892	19.429	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	71239	19.440	ug/l	99
89) n-Butylbenzene	12.329	91	99694	18.709	ug/l	99
90) Hexachloroethane	12.536	117	20674	19.295	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	71060	20.471	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8502	19.570	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	48708	20.831	ug/l	98
94) Hexachlorobutadiene	13.725	225	23104	20.171	ug/l	98
95) Naphthalene	13.774	128	140794	20.930	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	48647	20.792	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
Data File : VX033940.D
Acq On : 30 Jan 2023 12:43
Operator : JC/MD
Sample : VX0130WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2023
Supervised By :Semsettin Yesilyurt 01/31/2023

Quant Time: Jan 31 04:42:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

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

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

