

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042989.D
 Acq On : 09 Aug 2024 12:15
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 09 16:26:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	232797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171840	53.770	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.540%			
35) Dibromofluoromethane	5.385	113	134002	52.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.400%			
50) Toluene-d8	8.647	98	465857	51.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	167747	51.225	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48055	19.151	ug/l	96
3) Chloromethane	1.301	50	54114	19.793	ug/l	98
4) Vinyl Chloride	1.374	62	50658	19.528	ug/l	95
5) Bromomethane	1.599	94	31810	20.262	ug/l	96
6) Chloroethane	1.666	64	29037	19.649	ug/l	99
7) Trichlorofluoromethane	1.867	101	78719	19.513	ug/l	99
8) Diethyl Ether	2.136	74	28662	19.316	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	48912	19.284	ug/l	97
10) Methyl Iodide	2.441	142	52693	20.091	ug/l	95
11) Tert butyl alcohol	2.995	59	68669	108.026	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	46495	18.120	ug/l	91
13) Acrolein	2.239	56	54501	86.982	ug/l	97
14) Allyl chloride	2.660	41	81952	21.137	ug/l	96
15) Acrylonitrile	3.068	53	165501	102.007	ug/l	99
16) Acetone	2.392	43	145177	104.733	ug/l	98
17) Carbon Disulfide	2.502	76	106071	16.987	ug/l	99
18) Methyl Acetate	2.709	43	87822	19.979	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	168534	19.514	ug/l	97
20) Methylene Chloride	2.788	84	56817	19.116	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	49825	19.300	ug/l	93
22) Diisopropyl ether	3.770	45	175875	20.649	ug/l	93
23) Vinyl Acetate	3.727	43	1008894	104.366	ug/l	99
24) 1,1-Dichloroethane	3.611	63	98303	20.068	ug/l	100
25) 2-Butanone	4.568	43	232543	106.825	ug/l	98
26) 2,2-Dichloropropane	4.471	77	75952	25.221	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60965	19.913	ug/l	91
28) Bromochloromethane	4.904	49	36524	19.431	ug/l	95
29) Tetrahydrofuran	5.019	42	147513	100.282	ug/l	98
30) Chloroform	5.093	83	98560	19.219	ug/l	95
31) Cyclohexane	5.470	56	77658	19.420	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	85547	18.950	ug/l	98
36) 1,1-Dichloropropene	5.690	75	63902	18.361	ug/l	98
37) Ethyl Acetate	4.727	43	85958	19.740	ug/l	99
38) Carbon Tetrachloride	5.678	117	72173	18.371	ug/l	91
39) Methylcyclohexane	7.379	83	77173	18.653	ug/l	95
40) Benzene	6.037	78	210456	19.484	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042989.D
 Acq On : 09 Aug 2024 12:15
 Operator : JC/MD
 Sample : VX0809WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 09 16:26:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	44382	19.788	ug/l	93
42) 1,2-Dichloroethane	6.092	62	78041	19.863	ug/l	99
43) Isopropyl Acetate	6.348	43	126733	19.679	ug/l	99
44) Trichloroethene	7.129	130	51764	19.072	ug/l	94
45) 1,2-Dichloropropane	7.434	63	52928	19.317	ug/l	98
46) Dibromomethane	7.586	93	38437	19.100	ug/l	95
47) Bromodichloromethane	7.824	83	71688	19.176	ug/l	98
48) Methyl methacrylate	7.696	41	60657	19.643	ug/l	92
49) 1,4-Dioxane	7.671	88	27115	395.558	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	445710	103.324	ug/l	100
52) Toluene	8.720	92	127942	19.527	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	69614	20.144	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	77594	20.331	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	52870	19.849	ug/l	94
56) Ethyl methacrylate	9.122	69	83087	19.385	ug/l	96
57) 1,3-Dichloropropane	9.311	76	85953	19.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	192128	95.108	ug/l	98
59) 2-Hexanone	9.433	43	342730	102.535	ug/l	98
60) Dibromochloromethane	9.519	129	54279	18.551	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55746	19.809	ug/l	100
64) Tetrachloroethene	9.275	164	44408	18.361	ug/l	97
65) Chlorobenzene	10.079	112	139338	18.877	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	49042	19.268	ug/l	97
67) Ethyl Benzene	10.195	91	241279	19.433	ug/l	99
68) m/p-Xylenes	10.299	106	182665	38.537	ug/l	100
69) o-Xylene	10.640	106	91386	19.246	ug/l	99
70) Styrene	10.659	104	151726	19.871	ug/l	98
71) Bromoform	10.799	173	37239	18.243	ug/l #	97
73) Isopropylbenzene	10.963	105	237099	19.999	ug/l	99
74) N-amyl acetate	10.841	43	108640	20.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84110	19.366	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	67139m	18.205	ug/l	
77) Bromobenzene	11.201	156	57114	18.938	ug/l	92
78) n-propylbenzene	11.305	91	260142	19.754	ug/l	100
79) 2-Chlorotoluene	11.366	91	166299	19.702	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	194619	19.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23161	20.421	ug/l	96
82) 4-Chlorotoluene	11.457	91	186137	19.620	ug/l	97
83) tert-Butylbenzene	11.713	119	197239	19.551	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	198069	20.042	ug/l	99
85) sec-Butylbenzene	11.890	105	236791	19.933	ug/l	100
86) p-Isopropyltoluene	12.006	119	196392	19.899	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103646	18.990	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	104558	18.690	ug/l	98
89) n-Butylbenzene	12.335	91	160900	18.897	ug/l	97
90) Hexachloroethane	12.536	117	33143	18.358	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	104598	19.138	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18576	19.465	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	57646	17.292	ug/l	98
94) Hexachlorobutadiene	13.725	225	26406	18.676	ug/l	98
95) Naphthalene	13.774	128	213096	18.472	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62152	18.521	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
Data File : VX042989.D
Acq On : 09 Aug 2024 12:15
Operator : JC/MD
Sample : VX0809WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0809WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

Quant Time: Aug 09 16:26:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

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

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

