

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041934.D
 Acq On : 18 Jun 2024 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 08:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185810	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	277018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101590	47.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.820%		
35) Dibromofluoromethane	5.391	113	94088	47.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.653	98	331946	48.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.140%		
62) 4-Bromofluorobenzene	11.079	95	121633	47.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	70945	50.118	ug/l	97
3) Chloromethane	1.307	50	86212	48.546	ug/l	96
4) Vinyl Chloride	1.374	62	88449	49.686	ug/l	99
5) Bromomethane	1.593	94	42791	48.679	ug/l	98
6) Chloroethane	1.666	64	46126	63.142	ug/l	100
7) Trichlorofluoromethane	1.867	101	129732	55.624	ug/l	100
8) Diethyl Ether	2.136	74	54717	49.979	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.312	101	77514	48.246	ug/l	87
10) Methyl Iodide	2.440	142	102379	51.269	ug/l #	87
11) Tert butyl alcohol	3.001	59	112524	276.721	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	78013	48.679	ug/l	85
13) Acrolein	2.239	56	111425	244.450	ug/l	97
14) Allyl chloride	2.660	41	123405	48.553	ug/l	89
15) Acrylonitrile	3.075	53	286890	270.108	ug/l	99
16) Acetone	2.392	43	243725	259.054	ug/l	90
17) Carbon Disulfide	2.501	76	150380	46.020	ug/l	99
18) Methyl Acetate	2.709	43	140210	54.630	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	274326	51.812	ug/l	99
20) Methylene Chloride	2.788	84	95123	46.174	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	80549	49.522	ug/l	86
22) Diisopropyl ether	3.770	45	277621	51.675	ug/l #	83
23) Vinyl Acetate	3.727	43	1202758	262.145	ug/l	95
24) 1,1-Dichloroethane	3.605	63	154097	51.219	ug/l	96
25) 2-Butanone	4.574	43	396928	271.182	ug/l	95
26) 2,2-Dichloropropane	4.471	77	74603	34.242	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	103278	50.698	ug/l	85
28) Bromochloromethane	4.903	49	62315	48.358	ug/l #	75
29) Tetrahydrofuran	5.019	42	255878	270.683	ug/l	94
30) Chloroform	5.099	83	161871	51.643	ug/l	96
31) Cyclohexane	5.464	56	120744	48.187	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	135923	51.897	ug/l	96
36) 1,1-Dichloropropene	5.690	75	101532	48.644	ug/l	95
37) Ethyl Acetate	4.727	43	143962	52.947	ug/l	98
38) Carbon Tetrachloride	5.678	117	115072	49.897	ug/l	99
39) Methylcyclohexane	7.379	83	125499	47.542	ug/l	93
40) Benzene	6.037	78	348895	49.562	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041934.D
 Acq On : 18 Jun 2024 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2024
 Supervised By : Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 08:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	80134	54.369	ug/l	93
42) 1,2-Dichloroethane	6.086	62	113810	50.191	ug/l	92
43) Isopropyl Acetate	6.348	43	214779	51.462	ug/l	95
44) Trichloroethene	7.129	130	93672	49.642	ug/l	88
45) 1,2-Dichloropropane	7.433	63	87713	50.674	ug/l	100
46) Dibromomethane	7.586	93	63142	50.065	ug/l #	75
47) Bromodichloromethane	7.824	83	119216	51.486	ug/l	98
48) Methyl methacrylate	7.696	41	107305	53.874	ug/l	87
49) 1,4-Dioxane	7.671	88	56883	1077.740	ug/l #	84
51) 4-Methyl-2-Pentanone	8.580	43	776155	269.979	ug/l	95
52) Toluene	8.720	92	225372	50.276	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	112497	46.097	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	127483	50.288	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	94644	50.681	ug/l	97
56) Ethyl methacrylate	9.122	69	152597	52.526	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	154390	51.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	360888	266.565	ug/l	93
59) 2-Hexanone	9.433	43	605349	274.921	ug/l	93
60) Dibromochloromethane	9.525	129	105530	52.024	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100118	51.696	ug/l	99
64) Tetrachloroethene	9.275	164	92549	49.995	ug/l	88
65) Chlorobenzene	10.079	112	263136	49.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93359	50.429	ug/l	98
67) Ethyl Benzene	10.195	91	424110	51.179	ug/l	97
68) m/p-Xylenes	10.305	106	339624	101.527	ug/l	91
69) o-Xylene	10.640	106	170061	51.349	ug/l	92
70) Styrene	10.659	104	292975	52.754	ug/l	94
71) Bromoform	10.799	173	85641	48.054	ug/l #	99
73) Isopropylbenzene	10.963	105	436130	52.506	ug/l	97
74) N-amyl acetate	10.841	43	193477	52.438	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	156549	50.688	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	137788m	55.560	ug/l	
77) Bromobenzene	11.201	156	124247	50.225	ug/l	79
78) n-propylbenzene	11.305	91	471605	52.328	ug/l	96
79) 2-Chlorotoluene	11.366	91	297231	51.188	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	363025	52.472	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	40326	46.179	ug/l	89
82) 4-Chlorotoluene	11.457	91	334227	52.068	ug/l	93
83) tert-Butylbenzene	11.713	119	395016	52.035	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	368457	53.084	ug/l	93
85) sec-Butylbenzene	11.890	105	454294	52.908	ug/l	95
86) p-Isopropyltoluene	12.012	119	392851	52.376	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	221649	50.974	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	220690	49.582	ug/l	95
89) n-Butylbenzene	12.335	91	299430	51.860	ug/l	97
90) Hexachloroethane	12.536	117	65842	51.560	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	228222	51.293	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33599	54.896	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	146226	50.168	ug/l	96
94) Hexachlorobutadiene	13.725	225	72176	48.970	ug/l	99
95) Naphthalene	13.774	128	476152	48.637	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156473	50.901	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
Data File : VX041934.D
Acq On : 18 Jun 2024 19:34
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2024
Supervised By :Mahesh Dadoda 06/19/2024

Quant Time: Jun 19 08:50:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 19 07:57:22 2024
Response via : Initial Calibration

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

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

