

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041936.D
 Acq On : 19 Jun 2024 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:54:29 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	179721	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	263665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96561	46.594	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.180%		
35) Dibromofluoromethane	5.385	113	87213	46.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	299743	45.606	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.220%#		
62) 4-Bromofluorobenzene	11.079	95	120202	49.614	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.220%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	60391	44.107	ug/l	99
3) Chloromethane	1.301	50	75073	43.706	ug/l	97
4) Vinyl Chloride	1.374	62	74361	43.187	ug/l	100
5) Bromomethane	1.599	94	41528	48.843	ug/l	98
6) Chloroethane	1.666	64	35563	49.666	ug/l	95
7) Trichlorofluoromethane	1.868	101	98844	43.816	ug/l	99
8) Diethyl Ether	2.136	74	53713	50.724	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	72567	46.697	ug/l	86
10) Methyl Iodide	2.441	142	88941	46.049	ug/l #	87
11) Tert butyl alcohol	3.002	59	99971	254.180	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	69956	45.130	ug/l	84
13) Acrolein	2.240	56	127880	290.055	ug/l	97
14) Allyl chloride	2.660	41	122951	50.013	ug/l	88
15) Acrylonitrile	3.075	53	275377	268.053	ug/l	98
16) Acetone	2.392	43	218742	240.376	ug/l #	89
17) Carbon Disulfide	2.502	76	132579	41.947	ug/l	99
18) Methyl Acetate	2.709	43	136729	55.079	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	272079	53.129	ug/l	100
20) Methylene Chloride	2.782	84	90670	45.504	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	73164	46.506	ug/l	87
22) Diisopropyl ether	3.764	45	270256	52.008	ug/l	91
23) Vinyl Acetate	3.721	43	1203948	271.295	ug/l	95
24) 1,1-Dichloroethane	3.605	63	144634	49.702	ug/l	95
25) 2-Butanone	4.568	43	375316	265.104	ug/l	94
26) 2,2-Dichloropropane	4.471	77	103320	49.029	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	98467	49.974	ug/l	86
28) Bromochloromethane	4.898	49	63370	50.843	ug/l #	75
29) Tetrahydrofuran	5.013	42	241263	263.870	ug/l	94
30) Chloroform	5.093	83	153340	50.579	ug/l	98
31) Cyclohexane	5.458	56	107178	44.222	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	121916	48.126	ug/l	96
36) 1,1-Dichloropropene	5.684	75	90604	45.606	ug/l	94
37) Ethyl Acetate	4.721	43	138615	53.563	ug/l	97
38) Carbon Tetrachloride	5.672	117	103459	47.133	ug/l	97
39) Methylcyclohexane	7.379	83	114991	45.768	ug/l	93
40) Benzene	6.032	78	323348	48.259	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041936.D
 Acq On : 19 Jun 2024 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:54:29 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	4.922	41	78136	55.698	ug/l	92
42) 1,2-Dichloroethane	6.086	62	111390	51.612	ug/l	92
43) Isopropyl Acetate	6.342	43	214274	53.942	ug/l	95
44) Trichloroethene	7.123	130	85987	47.877	ug/l	86
45) 1,2-Dichloropropane	7.428	63	84932	51.552	ug/l	97
46) Dibromomethane	7.580	93	62567	52.122	ug/l #	77
47) Bromodichloromethane	7.818	83	115948	52.610	ug/l	98
48) Methyl methacrylate	7.696	41	104979	55.375	ug/l	87
49) 1,4-Dioxane	7.665	88	48401	965.590	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	748555	273.565	ug/l	95
52) Toluene	8.714	92	211029	49.460	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	118546	50.818	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	131641	54.558	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	94443	53.135	ug/l	97
56) Ethyl methacrylate	9.116	69	154071	55.719	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	150854	52.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	357528	277.458	ug/l	94
59) 2-Hexanone	9.433	43	579549	276.533	ug/l	92
60) Dibromochloromethane	9.519	129	106373	55.095	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99487	53.972	ug/l	99
64) Tetrachloroethene	9.275	164	82218	44.993	ug/l	88
65) Chlorobenzene	10.080	112	253648	48.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93625	51.231	ug/l	99
67) Ethyl Benzene	10.195	91	398131	48.670	ug/l	95
68) m/p-Xylenes	10.299	106	321046	97.223	ug/l	92
69) o-Xylene	10.640	106	162820	49.803	ug/l	92
70) Styrene	10.653	104	287486	52.440	ug/l	94
71) Bromoform	10.799	173	89211	50.555	ug/l #	100
73) Isopropylbenzene	10.964	105	405461	46.995	ug/l	96
74) N-amyl acetate	10.842	43	197367	51.500	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	158078	49.276	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	126925m	49.273	ug/l	
77) Bromobenzene	11.195	156	124709	48.533	ug/l	79
78) n-propylbenzene	11.305	91	454469	48.548	ug/l	96
79) 2-Chlorotoluene	11.366	91	286247	47.460	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	348579	48.506	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	47620	52.500	ug/l	88
82) 4-Chlorotoluene	11.451	91	327239	49.080	ug/l	91
83) tert-Butylbenzene	11.713	119	372845	47.284	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	360148	49.953	ug/l	94
85) sec-Butylbenzene	11.890	105	433247	48.577	ug/l	95
86) p-Isopropyltoluene	12.006	119	386721	49.637	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	225016	49.821	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	224762	48.615	ug/l	95
89) n-Butylbenzene	12.329	91	304103	50.707	ug/l	97
90) Hexachloroethane	12.536	117	64282	48.463	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	231270	50.041	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33573	52.809	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.585	180	159482	52.677	ug/l	96
94) Hexachlorobutadiene	13.725	225	73320	47.892	ug/l	99
95) Naphthalene	13.774	128	501897	49.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	167556	52.475	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
Data File : VX041936.D
Acq On : 19 Jun 2024 10:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 00:54:29 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

