

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037792.D
 Acq On : 19 Sep 2023 09:42
 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 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 00:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	280806	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	450661	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175309	47.517	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.040%		
35) Dibromofluoromethane	5.385	113	150887	50.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.080%		
50) Toluene-d8	8.647	98	566730	50.583	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.160%		
62) 4-Bromofluorobenzene	11.079	95	219470	53.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	129287	43.681	ug/l	98
3) Chloromethane	1.301	50	135715	42.143	ug/l	98
4) Vinyl Chloride	1.374	62	151433	43.587	ug/l	99
5) Bromomethane	1.599	94	136822	55.010	ug/l	97
6) Chloroethane	1.685	64	102142	42.676	ug/l	100
7) Trichlorofluoromethane	1.886	101	250348	44.821	ug/l	99
8) Diethyl Ether	2.130	74	92362	42.682	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	129668	45.745	ug/l	96
10) Methyl Iodide	2.453	142	154144	41.092	ug/l	93
11) Tert butyl alcohol	2.959	59	155654	196.554	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	121490	44.348	ug/l	87
13) Acrolein	2.233	56	167420	214.000	ug/l	98
14) Allyl chloride	2.660	41	200065	43.848	ug/l	# 96
15) Acrylonitrile	3.062	53	367055	208.470	ug/l	100
16) Acetone	2.374	43	443883	250.102	ug/l	90
17) Carbon Disulfide	2.514	76	303851	44.238	ug/l	99
18) Methyl Acetate	2.703	43	265974	41.542	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	445469	44.204	ug/l	98
20) Methylene Chloride	2.788	84	146889	44.763	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	136819	44.977	ug/l	88
22) Diisopropyl ether	3.757	45	427341	44.964	ug/l	# 88
23) Vinyl Acetate	3.721	43	1585906	226.859	ug/l	95
24) 1,1-Dichloroethane	3.605	63	250708	44.021	ug/l	99
25) 2-Butanone	4.550	43	561291	224.109	ug/l	# 90
26) 2,2-Dichloropropane	4.471	77	216994	47.154	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	168041	45.059	ug/l	90
28) Bromochloromethane	4.897	49	112855	42.476	ug/l	# 82
29) Tetrahydrofuran	5.001	42	316694	203.286	ug/l	90
30) Chloroform	5.093	83	274805	44.792	ug/l	97
31) Cyclohexane	5.471	56	215106	45.426	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	243702	46.913	ug/l	97
36) 1,1-Dichloropropene	5.690	75	196045	47.196	ug/l	96
37) Ethyl Acetate	4.708	43	193307	42.331	ug/l	97
38) Carbon Tetrachloride	5.678	117	208807	48.043	ug/l	99
39) Methylcyclohexane	7.379	83	253767	48.135	ug/l	93
40) Benzene	6.037	78	587091	45.961	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
 Data File : VX037792.D
 Acq On : 19 Sep 2023 09:42
 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 09/20/2023
 Supervised By : Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 00:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	103317	44.372	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	210632	45.623	ug/l	97
43) Isopropyl Acetate	6.336	43	326481	44.711	ug/l #	95
44) Trichloroethene	7.123	130	159034	44.707	ug/l	98
45) 1,2-Dichloropropane	7.428	63	152957	46.109	ug/l	98
46) Dibromomethane	7.580	93	112251	47.041	ug/l	93
47) Bromodichloromethane	7.818	83	212713	48.401	ug/l	98
48) Methyl methacrylate	7.690	41	159353	45.651	ug/l #	89
49) 1,4-Dioxane	7.653	88	75251	822.303	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	1020378	220.250	ug/l	95
52) Toluene	8.714	92	383881	46.631	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	235465	51.241	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	248400	48.843	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	161956	46.661	ug/l	93
56) Ethyl methacrylate	9.116	69	245890	47.455	ug/l	91
57) 1,3-Dichloropropane	9.305	76	258117	45.957	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	546611	225.915	ug/l	98
59) 2-Hexanone	9.427	43	841750	233.358	ug/l	93
60) Dibromochloromethane	9.519	129	174812	50.558	ug/l	99
61) 1,2-Dibromoethane	9.610	107	175798	47.838	ug/l	99
64) Tetrachloroethene	9.275	164	136439	46.106	ug/l	97
65) Chlorobenzene	10.079	112	426952	45.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	159137	47.978	ug/l	99
67) Ethyl Benzene	10.195	91	768248	47.343	ug/l	98
68) m/p-Xylenes	10.299	106	600526	95.771	ug/l	97
69) o-Xylene	10.640	106	295510	46.997	ug/l	97
70) Styrene	10.653	104	493711	48.909	ug/l	96
71) Bromoform	10.799	173	134761	51.431	ug/l #	100
73) Isopropylbenzene	10.963	105	783841	43.822	ug/l	98
74) N-amyl acetate	10.842	43	314187	43.372	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	266379	42.345	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	237524m	42.121	ug/l	
77) Bromobenzene	11.195	156	193706	43.753	ug/l	87
78) n-propylbenzene	11.305	91	935261	46.298	ug/l	99
79) 2-Chlorotoluene	11.366	91	540177	43.369	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	683048	45.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82091	46.633	ug/l	86
82) 4-Chlorotoluene	11.451	91	635473	45.318	ug/l	95
83) tert-Butylbenzene	11.713	119	673417	44.110	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	680271	45.263	ug/l	97
85) sec-Butylbenzene	11.890	105	866224	46.768	ug/l	99
86) p-Isopropyltoluene	12.006	119	732089	47.442	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	379013	45.926	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	384928	45.581	ug/l	98
89) n-Butylbenzene	12.329	91	689163	50.980	ug/l	98
90) Hexachloroethane	12.536	117	128544	49.164	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	376090	44.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	53257	42.471	ug/l	75
93) 1,2,4-Trichlorobenzene	13.585	180	249401	50.249	ug/l	97
94) Hexachlorobutadiene	13.725	225	115517	49.839	ug/l	99
95) Naphthalene	13.774	128	769546	45.845	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	244536	47.876	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091923\
Data File : VX037792.D
Acq On : 19 Sep 2023 09:42
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 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

Quant Time: Sep 20 00:56:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 09/20/2023
Supervised By :Mahesh Dadoda 09/20/2023

[illegible]