

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031739.D
 Acq On : 28 Sep 2022 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:34:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	66384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64365	45.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	57228	47.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.220%		
50) Toluene-d8	8.647	98	208174	47.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	11.079	95	83485	51.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	35440	43.867	ug/l	99
3) Chloromethane	1.288	50	37991	53.483	ug/l	98
4) Vinyl Chloride	1.368	62	49746	44.742	ug/l	98
5) Bromomethane	1.612	94	51012	51.304	ug/l	100
6) Chloroethane	1.685	64	58708	44.240	ug/l	94
7) Trichlorofluoromethane	1.886	101	123203	45.316	ug/l	99
8) Diethyl Ether	2.130	74	41018	52.797	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	46975	53.234	ug/l	92
10) Methyl Iodide	2.447	142	49917	57.711	ug/l	98
11) Tert butyl alcohol	3.008	59	49094	274.061	ug/l	96
12) 1,1-Dichloroethene	2.319	96	41699	62.214	ug/l	92
13) Acrolein	2.240	56	22382	267.996	ug/l	98
14) Allyl chloride	2.666	41	58155	50.091	ug/l #	92
15) Acrylonitrile	3.069	53	122830	251.197	ug/l	99
16) Acetone	2.392	43	100219	311.912	ug/l	95
17) Carbon Disulfide	2.508	76	78004	52.810	ug/l	97
18) Methyl Acetate	2.703	43	63446	50.111	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	165833	52.919	ug/l	95
20) Methylene Chloride	2.788	84	51421	57.983	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	49730	50.977	ug/l	93
22) Diisopropyl ether	3.758	45	146859	49.149	ug/l #	88
23) Vinyl Acetate	3.721	43	594088	251.400	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	89079	51.711	ug/l	97
25) 2-Butanone	4.562	43	165657	246.322	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	66957	47.889	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	63230	52.924	ug/l	85
28) Bromochloromethane	4.898	49	37122	46.066	ug/l #	72
29) Tetrahydrofuran	5.013	42	105278	249.191	ug/l #	84
30) Chloroform	5.093	83	113866	53.731	ug/l	99
31) Cyclohexane	5.471	56	67586	50.451	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	98114	55.899	ug/l	97
36) 1,1-Dichloropropene	5.696	75	72187	51.739	ug/l	97
37) Ethyl Acetate	4.715	43	66924	47.555	ug/l	97
38) Carbon Tetrachloride	5.678	117	85786	54.557	ug/l	95
39) Methylcyclohexane	7.379	83	81711	51.401	ug/l	88
40) Benzene	6.038	78	217811	50.829	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031739.D
 Acq On : 28 Sep 2022 19:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:34:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	34562	48.265	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	85172	51.393	ug/l	98
43) Isopropyl Acetate	6.342	43	108609	49.034	ug/l #	94
44) Trichloroethene	7.123	130	63747	52.668	ug/l	98
45) 1,2-Dichloropropane	7.434	63	52453	50.436	ug/l	97
46) Dibromomethane	7.580	93	44239	52.968	ug/l	92
47) Bromodichloromethane	7.824	83	83550	55.436	ug/l	96
48) Methyl methacrylate	7.696	41	51557	52.928	ug/l	87
49) 1,4-Dioxane	7.696	88	27112	1150.296	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	356986	254.627	ug/l	93
52) Toluene	8.720	92	154819	54.201	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83086	47.817	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	87573	55.911	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	66813	54.328	ug/l	95
56) Ethyl methacrylate	9.116	69	88923	56.514	ug/l	88
57) 1,3-Dichloropropane	9.311	76	103626	53.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	204385	263.792	ug/l #	89
59) 2-Hexanone	9.433	43	268472	256.655	ug/l	91
60) Dibromochloromethane	9.525	129	74424	51.773	ug/l	99
61) 1,2-Dibromoethane	9.610	107	71519	57.289	ug/l	99
64) Tetrachloroethene	9.275	164	68798	52.899	ug/l	98
65) Chlorobenzene	10.080	112	177334	52.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	66896	54.846	ug/l	97
67) Ethyl Benzene	10.195	91	305434	52.967	ug/l	97
68) m/p-Xylenes	10.305	106	255019	110.066	ug/l	96
69) o-Xylene	10.640	106	126840	56.008	ug/l	93
70) Styrene	10.659	104	212299	57.590	ug/l	96
71) Bromoform	10.799	173	50708	48.452	ug/l #	96
73) Isopropylbenzene	10.964	105	331170	50.899	ug/l	99
74) N-amyl acetate	10.842	43	102657	48.640	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	99606	48.180	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90459m	49.596	ug/l	
77) Bromobenzene	11.201	156	82650	49.969	ug/l	90
78) n-propylbenzene	11.305	91	375855	51.912	ug/l	97
79) 2-Chlorotoluene	11.366	91	224731	50.265	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	293058	53.135	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23733	44.617	ug/l	92
82) 4-Chlorotoluene	11.457	91	265260	51.355	ug/l	95
83) tert-Butylbenzene	11.713	119	282000	53.020	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	295165	54.066	ug/l	98
85) sec-Butylbenzene	11.890	105	357361	52.869	ug/l	98
86) p-Isopropyltoluene	12.012	119	318201	54.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	166978	52.074	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	173364	51.651	ug/l	98
89) n-Butylbenzene	12.335	91	250150	52.535	ug/l	98
90) Hexachloroethane	12.543	117	50077	53.576	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	170778	53.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21756	52.517	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	97359	51.846	ug/l	98
94) Hexachlorobutadiene	13.725	225	36366	49.663	ug/l	99
95) Naphthalene	13.774	128	343864	54.820	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99295	51.522	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
Data File : VX031739.D
Acq On : 28 Sep 2022 19:57
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:34:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

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

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

