

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039011.D
 Acq On : 22 Nov 2023 18:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 03:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	116661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91535	48.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.380%		
35) Dibromofluoromethane	5.385	113	74044	48.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	273405	46.676	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.360%		
62) 4-Bromofluorobenzene	11.079	95	107228	45.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65807	48.344	ug/l	95
3) Chloromethane	1.294	50	69901	39.344	ug/l	97
4) Vinyl Chloride	1.374	62	74732	43.667	ug/l	99
5) Bromomethane	1.599	94	43501	61.477	ug/l	98
6) Chloroethane	1.678	64	46909	48.029	ug/l	95
7) Trichlorofluoromethane	1.886	101	108676	50.042	ug/l	97
8) Diethyl Ether	2.136	74	44210	46.739	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	62499	43.395	ug/l	96
10) Methyl Iodide	2.453	142	73767	42.082	ug/l	92
11) Tert butyl alcohol	2.965	59	133826	255.963	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	61496	42.293	ug/l	93
13) Acrolein	2.233	56	60146	217.438	ug/l	100
14) Allyl chloride	2.660	41	130023	44.663	ug/l	96
15) Acrylonitrile	3.062	53	265875	240.666	ug/l	99
16) Acetone	2.380	43	254126	253.949	ug/l	91
17) Carbon Disulfide	2.508	76	162172	36.006	ug/l	100
18) Methyl Acetate	2.703	43	249272	52.443	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	252687	49.409	ug/l	99
20) Methylene Chloride	2.788	84	75599	41.908	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68941	42.971	ug/l	97
22) Diisopropyl ether	3.757	45	257591	48.232	ug/l	95
23) Vinyl Acetate	3.721	43	904612	235.188	ug/l	100
24) 1,1-Dichloroethane	3.611	63	138471	46.365	ug/l	100
25) 2-Butanone	4.556	43	401214	247.241	ug/l	97
26) 2,2-Dichloropropane	4.477	77	116565	44.995	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	85942	45.955	ug/l	95
28) Bromochloromethane	4.897	49	69574	48.521	ug/l	100
29) Tetrahydrofuran	5.001	42	259147	251.510	ug/l	98
30) Chloroform	5.099	83	144442	49.530	ug/l	100
31) Cyclohexane	5.470	56	116619	43.451	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	123835	49.025	ug/l	98
36) 1,1-Dichloropropene	5.690	75	101737	46.366	ug/l	98
37) Ethyl Acetate	4.714	43	142238	49.756	ug/l	99
38) Carbon Tetrachloride	5.678	117	104533	51.547	ug/l	95
39) Methylcyclohexane	7.385	83	123174	43.036	ug/l	97
40) Benzene	6.037	78	303851	46.820	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
 Data File : VX039011.D
 Acq On : 22 Nov 2023 18:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2023
 Supervised By : Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 03:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	76418	51.541	ug/l	95
42) 1,2-Dichloroethane	6.086	62	114454	53.230	ug/l	99
43) Isopropyl Acetate	6.342	43	229058	50.137	ug/l	99
44) Trichloroethene	7.123	130	76540	48.453	ug/l	97
45) 1,2-Dichloropropane	7.427	63	84244	48.237	ug/l	99
46) Dibromomethane	7.580	93	58383	50.129	ug/l	98
47) Bromodichloromethane	7.824	83	115447	49.943	ug/l	96
48) Methyl methacrylate	7.690	41	107884	48.670	ug/l	94
49) 1,4-Dioxane	7.659	88	45816	1068.373	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	756597	259.144	ug/l	100
52) Toluene	8.720	92	193125	47.955	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	130261	47.419	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	135986	47.924	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	81647	48.588	ug/l	92
56) Ethyl methacrylate	9.116	69	138079	48.565	ug/l	98
57) 1,3-Dichloropropane	9.305	76	138332	49.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	315984	238.576	ug/l	96
59) 2-Hexanone	9.427	43	599048	255.988	ug/l	98
60) Dibromochloromethane	9.518	129	86621	50.697	ug/l	99
61) 1,2-Dibromoethane	9.610	107	87577	49.667	ug/l	98
64) Tetrachloroethene	9.275	164	60894	49.128	ug/l	99
65) Chlorobenzene	10.079	112	206353	48.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76990	49.827	ug/l	98
67) Ethyl Benzene	10.195	91	384313	48.697	ug/l	100
68) m/p-Xylenes	10.299	106	283161	94.851	ug/l	97
69) o-Xylene	10.640	106	140527	47.572	ug/l	97
70) Styrene	10.652	104	236083	47.323	ug/l	99
71) Bromoform	10.799	173	63929	49.630	ug/l #	99
73) Isopropylbenzene	10.963	105	375126	47.746	ug/l	99
74) N-amyl acetate	10.841	43	195225	47.006	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	145484	47.436	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121315m	48.220	ug/l	
77) Bromobenzene	11.195	156	85791	48.597	ug/l	99
78) n-propylbenzene	11.305	91	456383	47.192	ug/l	99
79) 2-Chlorotoluene	11.366	91	267248	46.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	320245	48.478	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	48301	42.584	ug/l	85
82) 4-Chlorotoluene	11.457	91	314627	47.544	ug/l	100
83) tert-Butylbenzene	11.713	119	311780	47.922	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	324257	48.496	ug/l	100
85) sec-Butylbenzene	11.890	105	410459	48.232	ug/l	98
86) p-Isopropyltoluene	12.006	119	328865	48.140	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167196	48.365	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	169801	47.991	ug/l	99
89) n-Butylbenzene	12.335	91	322594	46.804	ug/l	96
90) Hexachloroethane	12.536	117	63195	46.323	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	163429	49.843	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37778	50.276	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	106931	48.667	ug/l	97
94) Hexachlorobutadiene	13.725	225	38124	48.997	ug/l	96
95) Naphthalene	13.774	128	392921	48.015	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104262	50.057	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112223\
Data File : VX039011.D
Acq On : 22 Nov 2023 18:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2023
Supervised By :Mahesh Dadoda 11/24/2023

Quant Time: Nov 23 03:35:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

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

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

