

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039708.D
 Acq On : 10 Jan 2024 16:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 04:01:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	103149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85803	49.657	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.320%		
35) Dibromofluoromethane	5.379	113	63430	48.654	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	8.647	98	238201	48.445	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	96835	50.362	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57496	43.082	ug/l	97
3) Chloromethane	1.294	50	70141	46.020	ug/l	96
4) Vinyl Chloride	1.374	62	67338	46.815	ug/l	98
5) Bromomethane	1.599	94	39462	48.082	ug/l	99
6) Chloroethane	1.685	64	40265	49.242	ug/l	98
7) Trichlorofluoromethane	1.886	101	97124	46.808	ug/l	99
8) Diethyl Ether	2.130	74	37242	48.568	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	58269	45.297	ug/l	98
10) Methyl Iodide	2.453	142	66926	49.316	ug/l	95
11) Tert butyl alcohol	2.959	59	103789	230.751	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	58817	47.377	ug/l	96
13) Acrolein	2.233	56	71188	257.797	ug/l	99
14) Allyl chloride	2.660	41	118740	48.595	ug/l	97
15) Acrylonitrile	3.062	53	231467	249.130	ug/l	99
16) Acetone	2.380	43	253456	260.822	ug/l	93
17) Carbon Disulfide	2.514	76	167769	47.017	ug/l	98
18) Methyl Acetate	2.703	43	100481	49.424	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	217023	49.240	ug/l	100
20) Methylene Chloride	2.788	84	70924	48.252	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	63954	48.952	ug/l	99
22) Diisopropyl ether	3.757	45	230519	49.436	ug/l	97
23) Vinyl Acetate	3.721	43	1125794	259.729	ug/l	99
24) 1,1-Dichloroethane	3.611	63	127006	49.509	ug/l	99
25) 2-Butanone	4.556	43	351353	251.599	ug/l	100
26) 2,2-Dichloropropane	4.477	77	98842	48.008	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	76068	50.765	ug/l	97
28) Bromochloromethane	4.897	49	59844	51.465	ug/l	93
29) Tetrahydrofuran	5.001	42	220066	244.834	ug/l	100
30) Chloroform	5.092	83	126647	50.011	ug/l	98
31) Cyclohexane	5.464	56	105557	46.289	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	106051	48.916	ug/l	98
36) 1,1-Dichloropropene	5.690	75	92709	45.686	ug/l	99
37) Ethyl Acetate	4.708	43	127047	46.930	ug/l	99
38) Carbon Tetrachloride	5.678	117	86366	46.469	ug/l	99
39) Methylcyclohexane	7.379	83	109146	44.791	ug/l	99
40) Benzene	6.037	78	272736	47.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	67208	50.767	ug/l	97
42) 1,2-Dichloroethane	6.086	62	106929	48.947	ug/l	100
43) Isopropyl Acetate	6.336	43	196562	49.495	ug/l	100
44) Trichloroethene	7.123	130	65940	46.824	ug/l	90
45) 1,2-Dichloropropane	7.427	63	73517	47.694	ug/l	100
46) Dibromomethane	7.580	93	51769	48.624	ug/l	97
47) Bromodichloromethane	7.818	83	97914	49.656	ug/l	98
48) Methyl methacrylate	7.690	41	96564	49.468	ug/l	96
49) 1,4-Dioxane	7.659	88	35853	949.214	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	656236	239.932	ug/l	99
52) Toluene	8.714	92	166160	48.413	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	107859	51.549	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	116037	50.435	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70795	48.448	ug/l	95
56) Ethyl methacrylate	9.116	69	119702	50.614	ug/l	97
57) 1,3-Dichloropropane	9.305	76	121333	48.998	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	281335	251.670	ug/l	95
59) 2-Hexanone	9.427	43	534243	246.801	ug/l	99
60) Dibromochloromethane	9.518	129	70054	50.836	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75265	49.739	ug/l	99
64) Tetrachloroethene	9.275	164	53236	45.937	ug/l	99
65) Chlorobenzene	10.079	112	175657	47.326	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	62381	49.358	ug/l	98
67) Ethyl Benzene	10.195	91	327002	47.454	ug/l	100
68) m/p-Xylenes	10.299	106	243593	96.120	ug/l	95
69) o-Xylene	10.640	106	119837	47.749	ug/l	95
70) Styrene	10.652	104	201383	49.121	ug/l	98
71) Bromoform	10.799	173	48776	51.397	ug/l #	100
73) Isopropylbenzene	10.963	105	313791	44.944	ug/l	100
74) N-amyl acetate	10.841	43	178890	49.155	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	121851	45.705	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	103870m	45.687	ug/l	
77) Bromobenzene	11.195	156	70855	45.580	ug/l	95
78) n-propylbenzene	11.305	91	389163	46.053	ug/l	98
79) 2-Chlorotoluene	11.360	91	231475	44.320	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	272957	46.032	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	35961	47.492	ug/l	95
82) 4-Chlorotoluene	11.451	91	268081	45.253	ug/l	99
83) tert-Butylbenzene	11.713	119	257825	45.543	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	273888	46.297	ug/l	99
85) sec-Butylbenzene	11.890	105	336469	45.785	ug/l	98
86) p-Isopropyltoluene	12.006	119	274510	46.738	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136199	45.707	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	138184	44.899	ug/l	99
89) n-Butylbenzene	12.329	91	264830	46.684	ug/l	96
90) Hexachloroethane	12.536	117	48002	48.445	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	133471	45.306	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30726	47.032	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83964	46.639	ug/l	98
94) Hexachlorobutadiene	13.725	225	33305	44.503	ug/l	98
95) Naphthalene	13.774	128	306897	46.306	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	83983	46.222	ug/l	99

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

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