

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039825.D
 Acq On : 19 Jan 2024 09:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/22/2024
 Supervised By : Mahesh Dadoda 01/22/2024

Quant Time: Jan 20 00:19:38 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	5.550	168	96940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	170299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75787	46.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.379	113	56282	49.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.140%		
50) Toluene-d8	8.647	98	210366	48.627	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.260%		
62) 4-Bromofluorobenzene	11.079	95	85731	50.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53380	42.560	ug/l	97
3) Chloromethane	1.295	50	58621	40.925	ug/l	99
4) Vinyl Chloride	1.374	62	59798	44.236	ug/l	98
5) Bromomethane	1.599	94	38345	49.714	ug/l	98
6) Chloroethane	1.685	64	36636	47.674	ug/l	97
7) Trichlorofluoromethane	1.886	101	96379	49.424	ug/l	99
8) Diethyl Ether	2.130	74	34285	47.576	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	58099	48.057	ug/l	98
10) Methyl Iodide	2.453	142	65198	51.120	ug/l	95
11) Tert butyl alcohol	2.953	59	79525	188.130	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	54881	47.038	ug/l	91
13) Acrolein	2.233	56	56528	215.297	ug/l	100
14) Allyl chloride	2.660	41	104466	45.492	ug/l	99
15) Acrylonitrile	3.056	53	185646	212.610	ug/l	99
16) Acetone	2.374	43	215109	235.539	ug/l	94
17) Carbon Disulfide	2.508	76	155651	46.415	ug/l	99
18) Methyl Acetate	2.697	43	86593	45.321	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	192900	46.570	ug/l	99
20) Methylene Chloride	2.788	84	62568	45.293	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	59106	48.139	ug/l	98
22) Diisopropyl ether	3.751	45	203118	46.350	ug/l	95
23) Vinyl Acetate	3.715	43	956985	234.925	ug/l	100
24) 1,1-Dichloroethane	3.605	63	112992	46.868	ug/l	99
25) 2-Butanone	4.544	43	281101	214.185	ug/l	99
26) 2,2-Dichloropropane	4.471	77	93953	48.556	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	68505	48.646	ug/l	97
28) Bromochloromethane	4.891	49	52586	48.119	ug/l	98
29) Tetrahydrofuran	4.989	42	174385	206.438	ug/l	99
30) Chloroform	5.087	83	117206	49.247	ug/l	98
31) Cyclohexane	5.464	56	99606	46.477	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	100910	49.526	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87469	48.991	ug/l	99
37) Ethyl Acetate	4.702	43	101408	42.575	ug/l	99
38) Carbon Tetrachloride	5.672	117	84836	51.880	ug/l	97
39) Methylcyclohexane	7.373	83	104714	48.842	ug/l	97
40) Benzene	6.031	78	243380	48.140	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54066	46.418	ug/l	95
42) 1,2-Dichloroethane	6.080	62	96637	50.278	ug/l	100
43) Isopropyl Acetate	6.330	43	165472	47.358	ug/l	99
44) Trichloroethene	7.117	130	62903	50.768	ug/l	98
45) 1,2-Dichloropropane	7.421	63	64791	47.773	ug/l	100
46) Dibromomethane	7.574	93	47603	50.818	ug/l	97
47) Bromodichloromethane	7.818	83	90779	52.325	ug/l	94
48) Methyl methacrylate	7.684	41	80712	46.995	ug/l	93
49) 1,4-Dioxane	7.653	88	27024	813.181	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	547512	227.521	ug/l	98
52) Toluene	8.714	92	153270	50.757	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	99415	54.003	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	105529	52.133	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	63803	49.627	ug/l	96
56) Ethyl methacrylate	9.110	69	103764	49.867	ug/l	96
57) 1,3-Dichloropropane	9.305	76	107053	49.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	231486	235.359	ug/l	96
59) 2-Hexanone	9.427	43	445716	234.026	ug/l	98
60) Dibromochloromethane	9.519	129	67690	55.829	ug/l	100
61) 1,2-Dibromoethane	9.604	107	68777	51.659	ug/l	100
64) Tetrachloroethene	9.269	164	52470	51.144	ug/l	96
65) Chlorobenzene	10.073	112	163045	49.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59483	53.165	ug/l	98
67) Ethyl Benzene	10.189	91	308638	50.594	ug/l	98
68) m/p-Xylenes	10.299	106	226104	100.782	ug/l	94
69) o-Xylene	10.640	106	111008	49.964	ug/l	94
70) Styrene	10.653	104	186233	51.313	ug/l	98
71) Bromoform	10.799	173	46954	55.890	ug/l #	99
73) Isopropylbenzene	10.957	105	302540	48.803	ug/l	100
74) N-amyl acetate	10.842	43	153938	47.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	108269	45.737	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	94291m	46.709	ug/l	
77) Bromobenzene	11.195	156	68001	49.266	ug/l	98
78) n-propylbenzene	11.299	91	374974	49.975	ug/l	97
79) 2-Chlorotoluene	11.360	91	219920	47.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	261094	49.589	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	31978	47.556	ug/l	96
82) 4-Chlorotoluene	11.451	91	259757	49.382	ug/l	98
83) tert-Butylbenzene	11.713	119	250675	49.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	263851	50.230	ug/l	100
85) sec-Butylbenzene	11.890	105	335269	51.381	ug/l	99
86) p-Isopropyltoluene	12.006	119	270673	51.902	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	133053	50.287	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133214	48.748	ug/l	99
89) n-Butylbenzene	12.329	91	273457	54.290	ug/l	95
90) Hexachloroethane	12.536	117	47146	53.587	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	127792	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27199	46.889	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83520	52.248	ug/l	98
94) Hexachlorobutadiene	13.725	225	36904	55.537	ug/l	97
95) Naphthalene	13.774	128	283144	48.115	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80135	49.671	ug/l	98

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

