

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039850.D
 Acq On : 19 Jan 2024 19:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 00:31:26 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	88627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71480	48.147	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.300%		
35) Dibromofluoromethane	5.379	113	53946	50.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.420%		
50) Toluene-d8	8.647	98	193842	48.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	79108	50.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47623	41.531	ug/l	96
3) Chloromethane	1.295	50	52376	39.995	ug/l	96
4) Vinyl Chloride	1.374	62	53441	43.241	ug/l	97
5) Bromomethane	1.599	94	35805	50.775	ug/l	99
6) Chloroethane	1.685	64	34018	48.419	ug/l	100
7) Trichlorofluoromethane	1.886	101	85846	48.152	ug/l	99
8) Diethyl Ether	2.130	74	31157	47.290	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	51936	46.989	ug/l	99
10) Methyl Iodide	2.453	142	56608	48.548	ug/l	95
11) Tert butyl alcohol	2.959	59	88473	228.930	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	50244	47.103	ug/l	94
13) Acrolein	2.233	56	52563	219.251	ug/l	99
14) Allyl chloride	2.660	41	96245	45.843	ug/l	99
15) Acrylonitrile	3.063	53	192820	241.539	ug/l	99
16) Acetone	2.374	43	182986	219.159	ug/l	93
17) Carbon Disulfide	2.508	76	137996	45.010	ug/l	98
18) Methyl Acetate	2.697	43	88698	50.777	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	179482	47.395	ug/l	98
20) Methylene Chloride	2.788	84	59611	47.200	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	54806	48.823	ug/l	96
22) Diisopropyl ether	3.758	45	191593	47.821	ug/l	97
23) Vinyl Acetate	3.721	43	908952	244.063	ug/l	100
24) 1,1-Dichloroethane	3.605	63	105712	47.961	ug/l	99
25) 2-Butanone	4.550	43	285034	237.553	ug/l	98
26) 2,2-Dichloropropane	4.471	77	77356	43.728	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	63579	49.382	ug/l	98
28) Bromochloromethane	4.891	49	49418	49.462	ug/l	97
29) Tetrahydrofuran	4.995	42	184692	239.148	ug/l	99
30) Chloroform	5.093	83	109690	50.412	ug/l	99
31) Cyclohexane	5.471	56	90974	46.431	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	91541	49.142	ug/l	98
36) 1,1-Dichloropropene	5.696	75	79960	48.287	ug/l	99
37) Ethyl Acetate	4.709	43	103200	46.715	ug/l	99
38) Carbon Tetrachloride	5.678	117	75648	49.878	ug/l	99
39) Methylcyclohexane	7.379	83	91253	45.891	ug/l	97
40) Benzene	6.038	78	227014	48.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54474	50.425	ug/l	94
42) 1,2-Dichloroethane	6.086	62	89162	50.016	ug/l	100
43) Isopropyl Acetate	6.336	43	158807	49.004	ug/l	99
44) Trichloroethene	7.123	130	56827	49.450	ug/l	96
45) 1,2-Dichloropropane	7.428	63	60963	48.465	ug/l	97
46) Dibromomethane	7.580	93	43778	50.389	ug/l	98
47) Bromodichloromethane	7.818	83	83796	52.077	ug/l	97
48) Methyl methacrylate	7.690	41	77957	48.940	ug/l	94
49) 1,4-Dioxane	7.653	88	29443	955.245	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	548606	245.800	ug/l	98
52) Toluene	8.714	92	141091	50.377	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	86788	50.830	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	94718	50.450	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	59376	49.794	ug/l	93
56) Ethyl methacrylate	9.116	69	96934	50.227	ug/l	96
57) 1,3-Dichloropropane	9.305	76	101048	50.005	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	215329	236.050	ug/l	96
59) 2-Hexanone	9.427	43	439998	249.088	ug/l	99
60) Dibromochloromethane	9.519	129	62416	55.505	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64717	52.410	ug/l	99
64) Tetrachloroethene	9.275	164	46769	49.153	ug/l	98
65) Chlorobenzene	10.080	112	151073	49.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53758	51.806	ug/l	98
67) Ethyl Benzene	10.189	91	281279	49.715	ug/l	97
68) m/p-Xylenes	10.299	106	206355	99.173	ug/l	94
69) o-Xylene	10.640	106	100239	48.645	ug/l	93
70) Styrene	10.653	104	171169	50.851	ug/l	99
71) Bromoform	10.799	173	42621	54.700	ug/l #	100
73) Isopropylbenzene	10.964	105	271848	46.059	ug/l	99
74) N-amyl acetate	10.842	43	142259	46.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	103495	45.920	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	88010m	45.792	ug/l	
77) Bromobenzene	11.195	156	60925	46.361	ug/l	97
78) n-propylbenzene	11.305	91	332689	46.571	ug/l	98
79) 2-Chlorotoluene	11.360	91	195665	44.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	234357	46.751	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	27309	43.099	ug/l	99
82) 4-Chlorotoluene	11.451	91	231845	46.294	ug/l	99
83) tert-Butylbenzene	11.713	119	223264	46.651	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	234741	46.938	ug/l	99
85) sec-Butylbenzene	11.890	105	294857	47.462	ug/l	99
86) p-Isopropyltoluene	12.006	119	237902	47.914	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	121360	48.176	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	121330	46.634	ug/l	99
89) n-Butylbenzene	12.329	91	231358	48.244	ug/l	96
90) Hexachloroethane	12.536	117	40832	48.746	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	115648	46.437	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26025	47.123	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	74234	48.776	ug/l	97
94) Hexachlorobutadiene	13.725	225	30855	48.770	ug/l	98
95) Naphthalene	13.774	128	261823	46.731	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71559	46.588	ug/l	100

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

