

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011924\
 Data File : VX039867.D
 Acq On : 20 Jan 2024 02:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 59 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 04:37:47 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	84940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153584	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68310	48.009	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.020%		
35) Dibromofluoromethane	5.379	113	51309	49.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	186440	47.787	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	76229	49.964	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	46485	42.298	ug/l	96
3) Chloromethane	1.295	50	53635	42.734	ug/l	100
4) Vinyl Chloride	1.374	62	53245	44.953	ug/l	98
5) Bromomethane	1.599	94	35424	52.415	ug/l	96
6) Chloroethane	1.685	64	33423	49.637	ug/l	99
7) Trichlorofluoromethane	1.886	101	85922	50.286	ug/l	98
8) Diethyl Ether	2.130	74	31241	49.476	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	51243	48.374	ug/l	97
10) Methyl Iodide	2.453	142	58545	52.389	ug/l	95
11) Tert butyl alcohol	2.959	59	91190	246.203	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	49660	48.576	ug/l	96
13) Acrolein	2.233	56	51123	222.742	ug/l	100
14) Allyl chloride	2.660	41	94957	47.193	ug/l	98
15) Acrylonitrile	3.056	53	195992	256.170	ug/l	99
16) Acetone	2.374	43	169650	212.006	ug/l	93
17) Carbon Disulfide	2.514	76	133554	45.452	ug/l	98
18) Methyl Acetate	2.697	43	90761	54.214	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	185397	51.082	ug/l	100
20) Methylene Chloride	2.788	84	60899	50.313	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	53810	50.017	ug/l	96
22) Diisopropyl ether	3.758	45	194450	50.640	ug/l	96
23) Vinyl Acetate	3.715	43	918466	257.323	ug/l	100
24) 1,1-Dichloroethane	3.605	63	105628	50.003	ug/l	98
25) 2-Butanone	4.550	43	280518	243.938	ug/l	98
26) 2,2-Dichloropropane	4.477	77	71324	42.069	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	62549	50.691	ug/l	98
28) Bromochloromethane	4.898	49	48505	50.656	ug/l	99
29) Tetrahydrofuran	4.995	42	185650	250.823	ug/l	99
30) Chloroform	5.093	83	110055	52.775	ug/l	96
31) Cyclohexane	5.471	56	87439	46.563	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	90873	50.900	ug/l	98
36) 1,1-Dichloropropene	5.690	75	77615	48.203	ug/l	99
37) Ethyl Acetate	4.709	43	106012	49.352	ug/l	98
38) Carbon Tetrachloride	5.672	117	74688	50.645	ug/l	95
39) Methylcyclohexane	7.379	83	89200	46.133	ug/l	99
40) Benzene	6.038	78	226785	49.740	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54193	51.591	ug/l	95
42) 1,2-Dichloroethane	6.086	62	90758	52.358	ug/l	100
43) Isopropyl Acetate	6.330	43	162533	51.579	ug/l	99
44) Trichloroethene	7.123	130	56932	50.950	ug/l	97
45) 1,2-Dichloropropane	7.428	63	62112	50.782	ug/l	98
46) Dibromomethane	7.574	93	44648	52.851	ug/l	97
47) Bromodichloromethane	7.818	83	84427	53.960	ug/l	98
48) Methyl methacrylate	7.690	41	79217	51.144	ug/l	92
49) 1,4-Dioxane	7.653	88	29327	978.524	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	564099	259.925	ug/l	98
52) Toluene	8.714	92	139869	51.360	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	87785	52.875	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	95290	52.198	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	60826	52.460	ug/l	93
56) Ethyl methacrylate	9.116	69	100849	53.741	ug/l	96
57) 1,3-Dichloropropane	9.305	76	102877	52.357	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	218300	246.109	ug/l	96
59) 2-Hexanone	9.427	43	451900	263.097	ug/l	98
60) Dibromochloromethane	9.519	129	61814	56.532	ug/l	100
61) 1,2-Dibromoethane	9.604	107	64414	53.647	ug/l	99
64) Tetrachloroethene	9.269	164	46551	49.052	ug/l	95
65) Chlorobenzene	10.080	112	149100	49.054	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55524	53.648	ug/l	100
67) Ethyl Benzene	10.189	91	277098	49.104	ug/l	97
68) m/p-Xylenes	10.299	106	205871	99.199	ug/l	94
69) o-Xylene	10.640	106	100467	48.883	ug/l	94
70) Styrene	10.653	104	170035	50.646	ug/l	98
71) Bromoform	10.799	173	43993	56.608	ug/l #	98
73) Isopropylbenzene	10.964	105	272060	45.744	ug/l	99
74) N-amyl acetate	10.842	43	152577	49.216	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	106464	46.878	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	89763m	46.348	ug/l	
77) Bromobenzene	11.195	156	60906	45.993	ug/l	94
78) n-propylbenzene	11.305	91	330695	45.940	ug/l	98
79) 2-Chlorotoluene	11.366	91	194025	43.610	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	235684	46.658	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27565	43.165	ug/l	100
82) 4-Chlorotoluene	11.451	91	232090	45.990	ug/l	98
83) tert-Butylbenzene	11.713	119	223488	46.343	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	236170	46.864	ug/l	99
85) sec-Butylbenzene	11.890	105	291448	46.556	ug/l	99
86) p-Isopropyltoluene	12.006	119	237704	47.509	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	118658	46.745	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	119589	45.614	ug/l	98
89) n-Butylbenzene	12.329	91	229752	47.544	ug/l	95
90) Hexachloroethane	12.536	117	41377	49.021	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	117158	46.685	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27816	49.983	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	71125	46.378	ug/l	98
94) Hexachlorobutadiene	13.725	225	29441	46.181	ug/l	98
95) Naphthalene	13.774	128	265149	46.964	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70419	45.496	ug/l	99

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

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