

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
 Data File : VX040012.D
 Acq On : 30 Jan 2024 11:43
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2024
 Supervised By : Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 05:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 04:54:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72138	45.683	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.360%		
35) Dibromofluoromethane	5.385	113	55195	47.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	8.647	98	205761	47.220	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.440%		
62) 4-Bromofluorobenzene	11.079	95	79906	47.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49316	44.624	ug/l	97
3) Chloromethane	1.294	50	43684	41.680	ug/l	98
4) Vinyl Chloride	1.374	62	44025	45.419	ug/l	98
5) Bromomethane	1.593	94	36099	38.310	ug/l	98
6) Chloroethane	1.685	64	29365	45.889	ug/l	97
7) Trichlorofluoromethane	1.886	101	68675	44.530	ug/l	97
8) Diethyl Ether	2.136	74	25288	46.380	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	55287	48.047	ug/l	97
10) Methyl Iodide	2.453	142	64459	52.623	ug/l	94
11) Tert butyl alcohol	2.959	59	67311	234.923	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	53203	48.209	ug/l	91
13) Acrolein	2.233	56	62113	226.264	ug/l	100
14) Allyl chloride	2.660	41	96946	48.735	ug/l	98
15) Acrylonitrile	3.062	53	173406	241.602	ug/l	99
16) Acetone	2.373	43	165784	224.070	ug/l	98
17) Carbon Disulfide	2.514	76	151323	46.898	ug/l	97
18) Methyl Acetate	2.703	43	92409	52.721	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	185678	49.117	ug/l	98
20) Methylene Chloride	2.788	84	62175	47.287	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	58972	48.522	ug/l	91
22) Diisopropyl ether	3.757	45	190565	49.456	ug/l	99
23) Vinyl Acetate	3.721	43	874481	253.587	ug/l	99
24) 1,1-Dichloroethane	3.605	63	108651	49.233	ug/l	99
25) 2-Butanone	4.550	43	246777	239.938	ug/l	97
26) 2,2-Dichloropropane	4.477	77	85515	49.662	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	68546	50.547	ug/l	93
28) Bromochloromethane	4.897	49	50985	49.545	ug/l	98
29) Tetrahydrofuran	5.001	42	162301	248.184	ug/l	97
30) Chloroform	5.093	83	114290	48.230	ug/l	98
31) Cyclohexane	5.464	56	95038	48.047	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	99724	49.036	ug/l	99
36) 1,1-Dichloropropene	5.690	75	83791	49.723	ug/l	98
37) Ethyl Acetate	4.715	43	93220	50.653	ug/l	98
38) Carbon Tetrachloride	5.678	117	82788	51.344	ug/l	98
39) Methylcyclohexane	7.379	83	102940	50.207	ug/l	94
40) Benzene	6.037	78	243803	49.673	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	50923	54.561	ug/l	93
42) 1,2-Dichloroethane	6.086	62	93692	49.589	ug/l	100
43) Isopropyl Acetate	6.336	43	149612	51.551	ug/l	99
44) Trichloroethene	7.123	130	64445	49.895	ug/l	99
45) 1,2-Dichloropropane	7.427	63	63164	48.741	ug/l	99
46) Dibromomethane	7.580	93	47463	48.795	ug/l	97
47) Bromodichloromethane	7.818	83	87828	50.697	ug/l	97
48) Methyl methacrylate	7.690	41	75498	52.808	ug/l	93
49) 1,4-Dioxane	7.653	88	32046	1031.506	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	511313	258.089	ug/l	99
52) Toluene	8.714	92	153151	50.063	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	91611	50.987	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	101994	53.198	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	63150	49.871	ug/l	93
56) Ethyl methacrylate	9.116	69	99304	53.704	ug/l	97
57) 1,3-Dichloropropane	9.305	76	106583	51.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	245409	263.924	ug/l	98
59) 2-Hexanone	9.427	43	404049	255.790	ug/l	100
60) Dibromochloromethane	9.519	129	65878	51.776	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67454	49.273	ug/l	98
64) Tetrachloroethene	9.275	164	50429	48.243	ug/l	98
65) Chlorobenzene	10.079	112	162432	48.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56832	50.679	ug/l	98
67) Ethyl Benzene	10.195	91	300986	50.519	ug/l	99
68) m/p-Xylenes	10.299	106	226715	101.149	ug/l	99
69) o-Xylene	10.640	106	110989	52.203	ug/l	100
70) Styrene	10.653	104	187014	52.189	ug/l	98
71) Bromoform	10.799	173	45474	49.947	ug/l #	98
73) Isopropylbenzene	10.963	105	294326	49.301	ug/l	99
74) N-amyl acetate	10.842	43	140314	49.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107646	47.959	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85725m	48.420	ug/l	
77) Bromobenzene	11.195	156	67222	48.813	ug/l	99
78) n-propylbenzene	11.305	91	359794	48.974	ug/l	99
79) 2-Chlorotoluene	11.366	91	211012	47.710	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	255793	49.843	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	28349	50.447	ug/l	94
82) 4-Chlorotoluene	11.451	91	247545	48.766	ug/l	99
83) tert-Butylbenzene	11.713	119	241076	49.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	254928	49.781	ug/l	99
85) sec-Butylbenzene	11.890	105	317229	48.758	ug/l	99
86) p-Isopropyltoluene	12.006	119	262257	49.363	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133669	48.114	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	135287	47.571	ug/l	99
89) n-Butylbenzene	12.329	91	256122	49.668	ug/l	97
90) Hexachloroethane	12.536	117	43398	49.994	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	129524	48.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24689	48.525	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	83610	49.932	ug/l	98
94) Hexachlorobutadiene	13.725	225	32502	49.276	ug/l	99
95) Naphthalene	13.774	128	292795	51.483	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	81500	49.227	ug/l	98

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

