

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034530.D
 Acq On : 15 Mar 2023 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 16 05:29:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	474223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185855	48.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.480%		
35) Dibromofluoromethane	5.385	113	137956	44.061	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.120%		
50) Toluene-d8	8.647	98	489766	41.902	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.800%#		
62) 4-Bromofluorobenzene	11.079	95	209137	44.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100648	41.192	ug/l	98
3) Chloromethane	1.307	50	165526	44.580	ug/l	100
4) Vinyl Chloride	1.374	62	147423	44.311	ug/l	97
5) Bromomethane	1.599	94	81623	48.625	ug/l	97
6) Chloroethane	1.672	64	91468	47.750	ug/l	97
7) Trichlorofluoromethane	1.880	101	220847	44.177	ug/l	98
8) Diethyl Ether	2.130	74	98686	54.077	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	119794	41.119	ug/l	99
10) Methyl Iodide	2.447	142	203689	53.252	ug/l	97
11) Tert butyl alcohol	2.965	59	205902	259.317	ug/l	98
12) 1,1-Dichloroethene	2.312	96	127604	44.473	ug/l	92
13) Acrolein	2.233	56	200587	319.333	ug/l	99
14) Allyl chloride	2.660	41	277543	47.713	ug/l	97
15) Acrylonitrile	3.062	53	458913	267.553	ug/l	99
16) Acetone	2.379	43	406653	226.411	ug/l	97
17) Carbon Disulfide	2.507	76	319320	39.546	ug/l	99
18) Methyl Acetate	2.703	43	310508	52.909	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	549978	53.535	ug/l	100
20) Methylene Chloride	2.788	84	169519	48.631	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	145991	47.911	ug/l	97
22) Diisopropyl ether	3.757	45	591474	53.331	ug/l	95
23) Vinyl Acetate	3.721	43	2304362	273.005	ug/l	99
24) 1,1-Dichloroethane	3.605	63	306925	51.482	ug/l	99
25) 2-Butanone	4.550	43	666305	259.268	ug/l	99
26) 2,2-Dichloropropane	4.477	77	224499	43.321	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	186046	50.719	ug/l	100
28) Bromochloromethane	4.897	49	150198	54.183	ug/l	99
29) Tetrahydrofuran	5.001	42	426285	268.813	ug/l	100
30) Chloroform	5.092	83	315150	53.927	ug/l	97
31) Cyclohexane	5.470	56	218390	40.840	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	261403	50.527	ug/l	100
36) 1,1-Dichloropropene	5.690	75	206438	42.927	ug/l	99
37) Ethyl Acetate	4.708	43	267042	50.829	ug/l	100
38) Carbon Tetrachloride	5.678	117	210175	43.931	ug/l	100
39) Methylcyclohexane	7.379	83	205858	35.769	ug/l	97
40) Benzene	6.037	78	657774	46.755	ug/l	100

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41) Methacrylonitrile	4.916	41	148468	51.565	ug/l	98
42) 1,2-Dichloroethane	6.086	62	272975	52.796	ug/l	99
43) Isopropyl Acetate	6.336	43	451650	50.746	ug/l	100
44) Trichloroethene	7.123	130	163071	44.612	ug/l	97
45) 1,2-Dichloropropane	7.427	63	178544	48.605	ug/l	100
46) Dibromomethane	7.580	93	123415	49.419	ug/l	99
47) Bromodichloromethane	7.818	83	244774	50.644	ug/l	98
48) Methyl methacrylate	7.689	41	219735	51.333	ug/l	98
49) 1,4-Dioxane	7.659	88	96654	1075.033	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	1344097	260.326	ug/l	99
52) Toluene	8.720	92	411948	47.297	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	269844	49.557	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	286699	48.667	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	176925	51.184	ug/l	99
56) Ethyl methacrylate	9.116	69	291430	51.350	ug/l	99
57) 1,3-Dichloropropane	9.311	76	308885	50.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	717582	245.339	ug/l	100
59) 2-Hexanone	9.427	43	1024221	256.621	ug/l	100
60) Dibromochloromethane	9.518	129	184988	51.027	ug/l	100
61) 1,2-Dibromoethane	9.610	107	185570	49.750	ug/l	99
64) Tetrachloroethene	9.275	164	125312	42.056	ug/l	98
65) Chlorobenzene	10.079	112	445632	45.789	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	171712	48.443	ug/l	98
67) Ethyl Benzene	10.195	91	797848	45.793	ug/l	97
68) m/p-Xylenes	10.299	106	600851	89.774	ug/l	98
69) o-Xylene	10.640	106	307071	45.718	ug/l	99
70) Styrene	10.652	104	514333	47.463	ug/l	100
71) Bromoform	10.799	173	134664	49.355	ug/l #	98
73) Isopropylbenzene	10.963	105	777105	44.746	ug/l	100
74) N-amyl acetate	10.841	43	417447	50.184	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	289490	49.952	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	237077m	45.949	ug/l	
77) Bromobenzene	11.195	156	198968	47.751	ug/l	99
78) n-propylbenzene	11.305	91	894857	44.615	ug/l	99
79) 2-Chlorotoluene	11.366	91	570042	46.018	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	663846	45.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83797	43.937	ug/l	95
82) 4-Chlorotoluene	11.451	91	667528	46.784	ug/l	100
83) tert-Butylbenzene	11.713	119	657953	44.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	682004	45.811	ug/l	99
85) sec-Butylbenzene	11.890	105	756984	42.159	ug/l	99
86) p-Isopropyltoluene	12.012	119	649309	43.027	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	364992	44.707	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	371099	44.954	ug/l	98
89) n-Butylbenzene	12.329	91	549829	40.985	ug/l	99
90) Hexachloroethane	12.536	117	118964	42.604	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	369467	46.828	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64913	49.300	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	231887	46.999	ug/l	98
94) Hexachlorobutadiene	13.725	225	80020	40.258	ug/l	99
95) Naphthalene	13.774	128	827123	49.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	233003	48.312	ug/l	99

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

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