

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035523.D
 Acq On : 03 May 2023 20:27
 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 :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 04:04:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118068	43.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.260%		
35) Dibromofluoromethane	5.385	113	98084	44.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.820%		
50) Toluene-d8	8.647	98	346101	42.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	84.020%#		
62) 4-Bromofluorobenzene	11.079	95	134830	43.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	110254	46.457	ug/l	98
3) Chloromethane	1.294	50	82359	38.148	ug/l	99
4) Vinyl Chloride	1.374	62	87911	40.599	ug/l	98
5) Bromomethane	1.618	94	50676	35.211	ug/l	98
6) Chloroethane	1.691	64	50988	40.262	ug/l	95
7) Trichlorofluoromethane	1.886	101	159395	47.072	ug/l	100
8) Diethyl Ether	2.130	74	53053	42.971	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	104269	46.103	ug/l	94
10) Methyl Iodide	2.453	142	124087	43.473	ug/l	97
11) Tert butyl alcohol	3.008	59	127034	257.837	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	96613	44.351	ug/l	98
13) Acrolein	2.239	56	130686	269.719	ug/l	98
14) Allyl chloride	2.666	41	165025	43.047	ug/l	98
15) Acrylonitrile	3.068	53	286753	232.703	ug/l	99
16) Acetone	2.392	43	247466	210.570	ug/l	99
17) Carbon Disulfide	2.514	76	205356	39.324	ug/l	98
18) Methyl Acetate	2.703	43	218997	48.189	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	370259	49.543	ug/l	96
20) Methylene Chloride	2.788	84	114133	42.354	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	105330	44.520	ug/l	95
22) Diisopropyl ether	3.757	45	341403	45.004	ug/l	96
23) Vinyl Acetate	3.721	43	1227198	235.345	ug/l	98
24) 1,1-Dichloroethane	3.611	63	198290	46.405	ug/l	99
25) 2-Butanone	4.562	43	383396	223.509	ug/l	92
26) 2,2-Dichloropropane	4.477	77	153650	45.898	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	129923	46.718	ug/l	92
28) Bromochloromethane	4.897	49	74573	40.952	ug/l #	80
29) Tetrahydrofuran	5.013	42	247087	224.702	ug/l	93
30) Chloroform	5.093	83	212082	49.165	ug/l	97
31) Cyclohexane	5.471	56	161665	42.117	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	188703	49.916	ug/l	96
36) 1,1-Dichloropropene	5.696	75	149014	43.699	ug/l	97
37) Ethyl Acetate	4.715	43	147099	47.231	ug/l	95
38) Carbon Tetrachloride	5.678	117	163684	50.565	ug/l	100
39) Methylcyclohexane	7.379	83	173771	41.865	ug/l	98
40) Benzene	6.037	78	440344	45.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	85731	48.040	ug/l	96
42) 1,2-Dichloroethane	6.086	62	168200	48.226	ug/l	97
43) Isopropyl Acetate	6.336	43	250867	47.937	ug/l	95
44) Trichloroethene	7.123	130	124904	46.351	ug/l	92
45) 1,2-Dichloropropane	7.434	63	112608	45.661	ug/l	99
46) Dibromomethane	7.580	93	80808	47.715	ug/l	91
47) Bromodichloromethane	7.824	83	157922	50.611	ug/l	99
48) Methyl methacrylate	7.690	41	124802	48.617	ug/l	92
49) 1,4-Dioxane	7.714	88	59252	946.931	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	763018	237.322	ug/l	95
52) Toluene	8.720	92	281618	45.418	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	168710	51.773	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	183343	49.778	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	117701	47.617	ug/l	97
56) Ethyl methacrylate	9.116	69	184441	50.090	ug/l	90
57) 1,3-Dichloropropane	9.311	76	198560	46.964	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	427323	232.093	ug/l	93
59) 2-Hexanone	9.427	43	568402	235.329	ug/l	94
60) Dibromochloromethane	9.519	129	126634	53.470	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125629	49.301	ug/l	100
64) Tetrachloroethene	9.275	164	108320	45.062	ug/l	96
65) Chlorobenzene	10.079	112	308926	45.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	122840	51.966	ug/l	97
67) Ethyl Benzene	10.195	91	552730	46.990	ug/l	98
68) m/p-Xylenes	10.299	106	418112	92.765	ug/l	99
69) o-Xylene	10.640	106	209063	47.302	ug/l	99
70) Styrene	10.652	104	348830	48.677	ug/l	98
71) Bromoform	10.799	173	91391	55.583	ug/l #	99
73) Isopropylbenzene	10.963	105	557443	48.216	ug/l	99
74) N-amyl acetate	10.841	43	215496	49.599	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	174542	48.640	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	140298m	44.469	ug/l	
77) Bromobenzene	11.195	156	139716	48.616	ug/l	90
78) n-propylbenzene	11.305	91	616901	46.460	ug/l	98
79) 2-Chlorotoluene	11.366	91	377406	45.486	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	473188	48.540	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46259	47.489	ug/l	99
82) 4-Chlorotoluene	11.457	91	438439	47.048	ug/l	98
83) tert-Butylbenzene	11.713	119	476819	48.748	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	469948	47.979	ug/l	100
85) sec-Butylbenzene	11.890	105	557014	46.426	ug/l	100
86) p-Isopropyltoluene	12.012	119	476347	46.682	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	256684	46.998	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	257680	44.999	ug/l	99
89) n-Butylbenzene	12.335	91	387192	44.949	ug/l	99
90) Hexachloroethane	12.536	117	77855	49.842	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	252925	46.303	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39307	54.627	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	164489	47.906	ug/l	99
94) Hexachlorobutadiene	13.725	225	67644	44.889	ug/l	99
95) Naphthalene	13.774	128	547806	51.825	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	162766	47.091	ug/l	99

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

