

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035575.D
 Acq On : 08 May 2023 21:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 03:53:15 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	245288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	355628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149589	50.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.100%			
35) Dibromofluoromethane	5.385	113	121192	48.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.647	98	438788	46.895	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.800%			
62) 4-Bromofluorobenzene	11.079	95	174376	49.541	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132270	50.962	ug/l	100
3) Chloromethane	1.294	50	145795	61.749	ug/l	100
4) Vinyl Chloride	1.374	62	123489	52.147	ug/l	97
5) Bromomethane	1.617	94	70040	44.500	ug/l	97
6) Chloroethane	1.691	64	70828	51.140	ug/l	100
7) Trichlorofluoromethane	1.892	101	203949	55.073	ug/l	99
8) Diethyl Ether	2.130	74	72653	53.808	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	128434	51.926	ug/l	96
10) Methyl Iodide	2.453	142	119875	38.402	ug/l	96
11) Tert butyl alcohol	2.989	59	171560	318.399	ug/l	96
12) 1,1-Dichloroethene	2.319	96	124954	52.450	ug/l	99
13) Acrolein	2.239	56	115684	218.316	ug/l	100
14) Allyl chloride	2.666	41	232265	55.400	ug/l	99
15) Acrylonitrile	3.062	53	398150	295.441	ug/l	99
16) Acetone	2.386	43	336531	261.840	ug/l	99
17) Carbon Disulfide	2.514	76	306941	53.745	ug/l	99
18) Methyl Acetate	2.703	43	310851	62.545	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	485579	59.411	ug/l	96
20) Methylene Chloride	2.788	84	147178	49.941	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	139353	53.858	ug/l	96
22) Diisopropyl ether	3.757	45	464186	55.950	ug/l	91
23) Vinyl Acetate	3.721	43	1745876	306.149	ug/l	99
24) 1,1-Dichloroethane	3.611	63	263446	56.374	ug/l	99
25) 2-Butanone	4.556	43	551647	294.062	ug/l	95
26) 2,2-Dichloropropane	4.477	77	217293	59.352	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	169359	55.684	ug/l	96
28) Bromochloromethane	4.897	49	96527	48.470	ug/l	86
29) Tetrahydrofuran	5.007	42	354255	294.580	ug/l	95
30) Chloroform	5.092	83	279444	59.235	ug/l	95
31) Cyclohexane	5.476	56	226432	53.940	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	259306	62.720	ug/l	97
36) 1,1-Dichloropropene	5.696	75	207661	53.618	ug/l	99
37) Ethyl Acetate	4.708	43	216682	61.256	ug/l	96
38) Carbon Tetrachloride	5.678	117	218005	59.295	ug/l	97
39) Methylcyclohexane	7.379	83	224234	47.564	ug/l	98
40) Benzene	6.037	78	605241	54.476	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	123656	61.008	ug/l	98
42) 1,2-Dichloroethane	6.086	62	228041	57.567	ug/l	98
43) Isopropyl Acetate	6.336	43	378142	63.620	ug/l	96
44) Trichloroethene	7.123	130	173007	56.526	ug/l	98
45) 1,2-Dichloropropane	7.427	63	157320	56.165	ug/l	100
46) Dibromomethane	7.580	93	111165	57.793	ug/l	93
47) Bromodichloromethane	7.824	83	219080	61.818	ug/l	98
48) Methyl methacrylate	7.690	41	189076	64.850	ug/l	93
49) 1,4-Dioxane	7.702	88	65178	917.113	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1128716	309.096	ug/l	96
52) Toluene	8.720	92	398408	56.572	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	257175	69.486	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	267557	63.958	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	163330	58.177	ug/l	96
56) Ethyl methacrylate	9.116	69	268648	64.236	ug/l	92
57) 1,3-Dichloropropane	9.305	76	273777	57.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	608231	290.858	ug/l	94
59) 2-Hexanone	9.433	43	841267	306.662	ug/l	95
60) Dibromochloromethane	9.518	129	177454	65.971	ug/l	99
61) 1,2-Dibromoethane	9.610	107	165635	57.230	ug/l	99
64) Tetrachloroethene	9.275	164	151304	55.566	ug/l	99
65) Chlorobenzene	10.079	112	417721	54.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	166241	62.083	ug/l	98
67) Ethyl Benzene	10.195	91	750004	56.288	ug/l	100
68) m/p-Xylenes	10.299	106	578745	113.353	ug/l	99
69) o-Xylene	10.640	106	288890	57.702	ug/l	99
70) Styrene	10.652	104	480388	59.178	ug/l	98
71) Bromoform	10.799	173	126854	68.108	ug/l	98
73) Isopropylbenzene	10.963	105	739022	57.171	ug/l	99
74) N-amyl acetate	10.841	43	330014	67.935	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	237635	59.229	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	198496m	56.272	ug/l	
77) Bromobenzene	11.201	156	186305	57.981	ug/l	93
78) n-propylbenzene	11.305	91	819605	55.208	ug/l	99
79) 2-Chlorotoluene	11.366	91	515303	55.547	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	617711	56.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79008	72.543	ug/l	94
82) 4-Chlorotoluene	11.457	91	592800	56.894	ug/l	98
83) tert-Butylbenzene	11.713	119	609776	55.758	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	617648	56.399	ug/l	99
85) sec-Butylbenzene	11.890	105	687167	51.226	ug/l	99
86) p-Isopropyltoluene	12.006	119	603542	52.901	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	338982	55.512	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	341023	53.265	ug/l	100
89) n-Butylbenzene	12.335	91	489210	50.795	ug/l	99
90) Hexachloroethane	12.536	117	92013	52.685	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	337288	55.226	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	55931	69.521	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	204046	53.151	ug/l	99
94) Hexachlorobutadiene	13.725	225	80999	48.075	ug/l	99
95) Naphthalene	13.774	128	713175	60.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	198930	51.476	ug/l	99

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

