

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050622\
 Data File : VX028539.D
 Acq On : 06 May 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 07 05:58:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	333449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	485080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201266	46.292	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.580%		
35) Dibromofluoromethane	5.385	113	187850	52.217	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.440%		
50) Toluene-d8	8.647	98	664141	48.066	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.140%		
62) 4-Bromofluorobenzene	11.079	95	261536	49.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123251	57.260	ug/l	99
3) Chloromethane	1.295	50	114182	52.751	ug/l	100
4) Vinyl Chloride	1.374	62	145350	43.239	ug/l	99
5) Bromomethane	1.599	94	127213	41.002	ug/l	99
6) Chloroethane	1.679	64	104039	42.755	ug/l	100
7) Trichlorofluoromethane	1.886	101	277777	37.473	ug/l	99
8) Diethyl Ether	2.130	74	104851	46.885	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	156297	57.882	ug/l	99
10) Methyl Iodide	2.453	142	168282	46.034	ug/l	98
11) Tert butyl alcohol	2.959	59	177366	211.488	ug/l	99
12) 1,1-Dichloroethene	2.319	96	136392	53.223	ug/l	92
13) Acrolein	2.233	56	155896	292.573	ug/l	99
14) Allyl chloride	2.660	41	198256	46.106	ug/l	94
15) Acrylonitrile	3.062	53	435852	245.994	ug/l	100
16) Acetone	2.380	43	402094	303.089	ug/l	97
17) Carbon Disulfide	2.514	76	275203	39.878	ug/l	100
18) Methyl Acetate	2.703	43	188090	48.656	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	527835	49.394	ug/l	97
20) Methylene Chloride	2.788	84	163044	50.541	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	152578	43.780	ug/l	93
22) Diisopropyl ether	3.757	45	458975	46.863	ug/l #	86
23) Vinyl Acetate	3.721	43	1985197	232.013	ug/l	99
24) 1,1-Dichloroethane	3.611	63	276746	47.856	ug/l	99
25) 2-Butanone	4.556	43	601514	233.605	ug/l	98
26) 2,2-Dichloropropane	4.477	77	239873	42.484	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	193652	46.601	ug/l	93
28) Bromochloromethane	4.898	49	108706	43.814	ug/l	88
29) Tetrahydrofuran	5.001	42	364800	217.279	ug/l	100
30) Chloroform	5.093	83	320032	46.082	ug/l	99
31) Cyclohexane	5.471	56	211884	40.000	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	277837	44.180	ug/l	98
36) 1,1-Dichloropropene	5.690	75	212006	45.179	ug/l	97
37) Ethyl Acetate	4.709	43	225797	47.421	ug/l	99
38) Carbon Tetrachloride	5.678	117	247605	46.741	ug/l	98
39) Methylcyclohexane	7.379	83	241573	40.800	ug/l	97
40) Benzene	6.038	78	647937	47.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	121004	49.256	ug/l	98
42) 1,2-Dichloroethane	6.086	62	233537	45.801	ug/l	99
43) Isopropyl Acetate	6.336	43	360360	46.502	ug/l	99
44) Trichloroethene	7.129	130	192527	48.333	ug/l	94
45) 1,2-Dichloropropane	7.428	63	165283	49.158	ug/l	96
46) Dibromomethane	7.580	93	126446	47.941	ug/l	98
47) Bromodichloromethane	7.824	83	251163	49.547	ug/l	98
48) Methyl methacrylate	7.690	41	170417	47.899	ug/l	93
49) 1,4-Dioxane	7.659	88	83146	873.575	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1192139	239.729	ug/l	98
52) Toluene	8.720	92	439034	46.005	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	260050	48.269	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	277696	48.000	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	196167	50.592	ug/l	98
56) Ethyl methacrylate	9.116	69	279735	49.770	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	301441	48.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	548886	208.138	ug/l	94
59) 2-Hexanone	9.433	43	935762	242.925	ug/l	96
60) Dibromochloromethane	9.525	129	215023	50.869	ug/l	96
61) 1,2-Dibromoethane	9.610	107	202823	47.681	ug/l	99
64) Tetrachloroethene	9.275	164	189349	49.974	ug/l	99
65) Chlorobenzene	10.079	112	506689	48.992	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	200752	52.107	ug/l	97
67) Ethyl Benzene	10.195	91	864069	49.825	ug/l	96
68) m/p-Xylenes	10.305	106	692575	98.124	ug/l	96
69) o-Xylene	10.640	106	344433	48.945	ug/l	96
70) Styrene	10.659	104	585238	51.334	ug/l	99
71) Bromoform	10.799	173	169676	47.889	ug/l	99
73) Isopropylbenzene	10.964	105	907977	49.744	ug/l	99
74) N-amyl acetate	10.842	43	326256	51.713	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	308147	52.024	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	279271m	53.434	ug/l	
77) Bromobenzene	11.201	156	239515	50.384	ug/l	90
78) n-propylbenzene	11.305	91	1043961	51.579	ug/l	97
79) 2-Chlorotoluene	11.366	91	622840	49.496	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	769830	49.685	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	88966	50.586	ug/l	94
82) 4-Chlorotoluene	11.457	91	718972	49.601	ug/l	95
83) tert-Butylbenzene	11.713	119	789446	49.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	774903	50.312	ug/l	98
85) sec-Butylbenzene	11.890	105	954028	49.981	ug/l	98
86) p-Isopropyltoluene	12.012	119	822477	49.946	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	458194	51.296	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	464059	49.480	ug/l	98
89) n-Butylbenzene	12.335	91	683589	50.556	ug/l	98
90) Hexachloroethane	12.542	117	140461	47.499	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	451533	50.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65068	49.396	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	280827	53.211	ug/l	99
94) Hexachlorobutadiene	13.725	225	123160	52.297	ug/l	94
95) Naphthalene	13.774	128	943275	53.653	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	279253	53.906	ug/l	98

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

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