

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027261.D
 Acq On : 01 Mar 2022 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

Quant Time: Mar 02 00:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	76546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	125428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39025	42.450	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.900%		
35) Dibromofluoromethane	5.391	113	33181	42.619	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.240%		
50) Toluene-d8	8.653	98	121579	41.764	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	83.520%#		
62) 4-Bromofluorobenzene	11.079	95	46651	41.748	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	33252	43.702	ug/l	99
3) Chloromethane	1.294	50	29360	41.279	ug/l	99
4) Vinyl Chloride	1.380	62	28966	40.886	ug/l	99
5) Bromomethane	1.599	94	8230	26.132	ug/l	92
6) Chloroethane	1.685	64	18113	41.635	ug/l	99
7) Trichlorofluoromethane	1.886	101	51093	46.369	ug/l	100
8) Diethyl Ether	2.136	74	17091	44.563	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	36446	47.480	ug/l	96
10) Methyl Iodide	2.453	142	26984	26.179	ug/l	95
11) Tert butyl alcohol	2.971	59	40483	226.327	ug/l	97
12) 1,1-Dichloroethene	2.319	96	34838	46.750	ug/l	90
13) Acrolein	2.239	56	34746	210.163	ug/l	99
14) Allyl chloride	2.666	41	60163	45.854	ug/l	95
15) Acrylonitrile	3.068	53	112792	245.743	ug/l	99
16) Acetone	2.386	43	92673	229.595	ug/l	93
17) Carbon Disulfide	2.514	76	86505	44.643	ug/l	100
18) Methyl Acetate	2.709	43	48733	46.776	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	123043	48.119	ug/l	99
20) Methylene Chloride	2.794	84	39772	47.540	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	37388	47.046	ug/l	95
22) Diisopropyl ether	3.770	45	121150	47.365	ug/l	93
23) Vinyl Acetate	3.727	43	529978	245.367	ug/l	96
24) 1,1-Dichloroethane	3.617	63	68953	47.687	ug/l	99
25) 2-Butanone	4.562	43	154702	240.666	ug/l	95
26) 2,2-Dichloropropane	4.483	77	48395	46.136	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	44563	48.351	ug/l	94
28) Bromochloromethane	4.904	49	26341	45.030	ug/l	91
29) Tetrahydrofuran	5.013	42	101011	234.788	ug/l	95
30) Chloroform	5.099	83	71762	47.783	ug/l	100
31) Cyclohexane	5.477	56	62413	45.331	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	62397	47.994	ug/l	99
36) 1,1-Dichloropropene	5.702	75	52326	46.052	ug/l	97
37) Ethyl Acetate	4.721	43	59133	47.400	ug/l	98
38) Carbon Tetrachloride	5.684	117	56023	47.274	ug/l	96
39) Methylcyclohexane	7.385	83	65160	46.101	ug/l	94
40) Benzene	6.044	78	156162	46.997	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	33950	49.609	ug/l	96
42) 1,2-Dichloroethane	6.092	62	56894	48.265	ug/l	97
43) Isopropyl Acetate	6.348	43	92323	48.107	ug/l	97
44) Trichloroethene	7.129	130	45940	46.218	ug/l	93
45) 1,2-Dichloropropane	7.434	63	39657	48.846	ug/l	99
46) Dibromomethane	7.586	93	28722	49.255	ug/l	95
47) Bromodichloromethane	7.824	83	56016	49.216	ug/l	97
48) Methyl methacrylate	7.696	41	46402	49.951	ug/l	95
49) 1,4-Dioxane	7.659	88	20301	966.684	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	304684	244.262	ug/l	96
52) Toluene	8.720	92	104349	49.044	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	56672	44.359	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	63878	50.278	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	41763	49.558	ug/l	99
56) Ethyl methacrylate	9.116	69	64490	49.153	ug/l	93
57) 1,3-Dichloropropane	9.311	76	69369	49.490	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	157400	248.884	ug/l	96
59) 2-Hexanone	9.433	43	233058	244.460	ug/l	96
60) Dibromochloromethane	9.525	129	44791	51.235	ug/l	98
61) 1,2-Dibromoethane	9.610	107	43604	48.586	ug/l	99
64) Tetrachloroethene	9.275	164	48764	47.438	ug/l	94
65) Chlorobenzene	10.079	112	110296	47.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40997	48.812	ug/l	99
67) Ethyl Benzene	10.195	91	194416	47.818	ug/l	98
68) m/p-Xylenes	10.305	106	151454	96.897	ug/l	96
69) o-Xylene	10.646	106	75742	48.282	ug/l	94
70) Styrene	10.659	104	126284	49.196	ug/l	97
71) Bromoform	10.799	173	31741	44.209	ug/l #	99
73) Isopropylbenzene	10.963	105	197355	48.224	ug/l	99
74) N-amyl acetate	10.841	43	77579	49.822	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	62782	51.939	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	56121m	48.717	ug/l	
77) Bromobenzene	11.201	156	48930	47.934	ug/l	92
78) n-propylbenzene	11.305	91	235166	50.558	ug/l	99
79) 2-Chlorotoluene	11.366	91	135469	47.528	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	165251	48.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	14490	38.110	ug/l	93
82) 4-Chlorotoluene	11.457	91	154404	47.419	ug/l	97
83) tert-Butylbenzene	11.713	119	164313	49.106	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	171246	50.029	ug/l	99
85) sec-Butylbenzene	11.890	105	201778	48.092	ug/l	99
86) p-Isopropyltoluene	12.012	119	178799	49.989	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	91161	47.461	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	91294	46.485	ug/l	98
89) n-Butylbenzene	12.335	91	143211	47.904	ug/l	100
90) Hexachloroethane	12.542	117	24068	43.440	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	89362	47.681	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13849	49.350	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	56518	47.789	ug/l	100
94) Hexachlorobutadiene	13.725	225	22760	46.355	ug/l	98
95) Naphthalene	13.780	128	205358	51.100	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	57125	48.189	ug/l	98

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

