

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026587.D
 Acq On : 26 Jan 2022 12:24
 Operator : JC/MD
 Sample : VX0127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 26 12:47:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63122	46.705	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.420%		
35) Dibromofluoromethane	5.391	113	49858	49.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	8.647	98	185865	51.284	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.560%		
62) 4-Bromofluorobenzene	11.079	95	70373	54.660	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	18977	16.611	ug/l	98
3) Chloromethane	1.294	50	19312	18.440	ug/l	99
4) Vinyl Chloride	1.380	62	19865	18.066	ug/l	99
5) Bromomethane	1.617	94	11228	22.136	ug/l	94
6) Chloroethane	1.691	64	10571	19.012	ug/l	100
7) Trichlorofluoromethane	1.892	101	30027	17.297	ug/l	99
8) Diethyl Ether	2.136	74	11637	18.943	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	19937	18.845	ug/l	100
10) Methyl Iodide	2.459	142	25338	24.715	ug/l	96
11) Tert butyl alcohol	3.001	59	15407	81.949	ug/l	99
12) 1,1-Dichloroethene	2.325	96	18579	18.388	ug/l	91
13) Acrolein	2.245	56	19032	95.266	ug/l	99
14) Allyl chloride	2.666	41	34645	18.645	ug/l	96
15) Acrylonitrile	3.068	53	59688	103.134	ug/l	99
16) Acetone	2.392	43	64010	92.874	ug/l	93
17) Carbon Disulfide	2.514	76	47879	16.230	ug/l	99
18) Methyl Acetate	2.709	43	28039	20.464	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	67841	18.504	ug/l	98
20) Methylene Chloride	2.794	84	22012	19.330	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	20255	18.517	ug/l	95
22) Diisopropyl ether	3.757	45	72311	19.158	ug/l #	84
23) Vinyl Acetate	3.727	43	298092	95.945	ug/l	98
24) 1,1-Dichloroethane	3.611	63	37979	18.632	ug/l	99
25) 2-Butanone	4.568	43	86595	96.614	ug/l	99
26) 2,2-Dichloropropane	4.483	77	26963	17.845	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	24152	19.347	ug/l	98
28) Bromochloromethane	4.897	49	15789	18.864	ug/l	97
29) Tetrahydrofuran	5.013	42	53360	100.239	ug/l	100
30) Chloroform	5.099	83	39961	18.868	ug/l	99
31) Cyclohexane	5.477	56	34968	17.542	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	33938	18.217	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29179	18.378	ug/l	98
37) Ethyl Acetate	4.721	43	32055	19.959	ug/l	99
38) Carbon Tetrachloride	5.678	117	30322	18.567	ug/l	97
39) Methylcyclohexane	7.385	83	36091	18.846	ug/l	98
40) Benzene	6.044	78	85062	19.383	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18345	20.164	ug/l	98
42) 1,2-Dichloroethane	6.092	62	32922	19.174	ug/l	99
43) Isopropyl Acetate	6.342	43	51607	19.892	ug/l	99
44) Trichloroethene	7.129	130	24674	19.815	ug/l	98
45) 1,2-Dichloropropane	7.434	63	21719	19.827	ug/l	100
46) Dibromomethane	7.580	93	15628	20.239	ug/l	99
47) Bromodichloromethane	7.824	83	31242	20.024	ug/l	100
48) Methyl methacrylate	7.696	41	25337	19.706	ug/l	97
49) 1,4-Dioxane	7.696	88	7391	350.291	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	164893	107.156	ug/l	99
52) Toluene	8.720	92	55380	20.579	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	30510	19.484	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	34549	20.617	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	23019	21.919	ug/l	99
56) Ethyl methacrylate	9.116	69	34393	21.370	ug/l	99
57) 1,3-Dichloropropane	9.311	76	38740	21.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	89469	106.017	ug/l	100
59) 2-Hexanone	9.433	43	122824	104.285	ug/l	98
60) Dibromochloromethane	9.519	129	23792	21.741	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23120	21.128	ug/l	98
64) Tetrachloroethene	9.275	164	25839	19.351	ug/l	94
65) Chlorobenzene	10.079	112	59257	19.907	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	21888	19.790	ug/l	99
67) Ethyl Benzene	10.195	91	106020	19.600	ug/l	99
68) m/p-Xylenes	10.305	106	81019	40.023	ug/l	100
69) o-Xylene	10.640	106	39615	20.281	ug/l	99
70) Styrene	10.659	104	66936	21.000	ug/l	98
71) Bromoform	10.799	173	15913	20.200	ug/l #	100
73) Isopropylbenzene	10.963	105	106781	19.842	ug/l	99
74) N-amyl acetate	10.841	43	40517	19.502	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28860	19.980	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29449m	20.372	ug/l	
77) Bromobenzene	11.201	156	25128	20.382	ug/l	98
78) n-propylbenzene	11.305	91	121509	19.800	ug/l	100
79) 2-Chlorotoluene	11.366	91	73728	19.812	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	88949	20.049	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7910	20.518	ug/l	99
82) 4-Chlorotoluene	11.457	91	84207	19.688	ug/l	99
83) tert-Butylbenzene	11.713	119	84163	20.321	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	88713	19.992	ug/l	100
85) sec-Butylbenzene	11.890	105	108557	20.264	ug/l	99
86) p-Isopropyltoluene	12.012	119	91269	20.307	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	46044	19.925	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46142	19.727	ug/l	98
89) n-Butylbenzene	12.335	91	76947	19.950	ug/l	99
90) Hexachloroethane	12.542	117	13181	18.986	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	43819	20.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6329	18.129	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	27037	19.311	ug/l	98
94) Hexachlorobutadiene	13.725	225	11341	19.189	ug/l	99
95) Naphthalene	13.780	128	90507	19.380	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	27211	19.762	ug/l	99

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

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