

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027298.D
 Acq On : 04 Mar 2022 13:57
 Operator : JC/MD
 Sample : VX0304WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD02

Quant Time: Mar 05 00:43:43 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	67603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41285	50.849	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.700%			
35) Dibromofluoromethane	5.385	113	33284	51.477	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.960%			
50) Toluene-d8	8.647	98	119327	49.357	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.079	95	45286	48.799	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	11132	16.566	ug/l	98
3) Chloromethane	1.294	50	8984	14.302	ug/l	99
4) Vinyl Chloride	1.380	62	9213	14.725	ug/l	99
5) Bromomethane	1.605	94	5737	20.414	ug/l	98
6) Chloroethane	1.691	64	6215	16.176	ug/l	98
7) Trichlorofluoromethane	1.892	101	18181	18.683	ug/l	100
8) Diethyl Ether	2.136	74	5942	17.543	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	12799	18.880	ug/l	95
10) Methyl Iodide	2.459	142	11577	12.718	ug/l	97
11) Tert butyl alcohol	2.959	59	13008	82.344	ug/l	98
12) 1,1-Dichloroethene	2.325	96	11827	17.970	ug/l	80
13) Acrolein	2.239	56	12423	85.081	ug/l	97
14) Allyl chloride	2.666	41	19355	16.703	ug/l	97
15) Acrylonitrile	3.062	53	36634	90.374	ug/l	98
16) Acetone	2.379	43	31385	88.042	ug/l	94
17) Carbon Disulfide	2.514	76	26942	15.743	ug/l	98
18) Methyl Acetate	2.703	43	15907	17.288	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	42402	18.776	ug/l	100
20) Methylene Chloride	2.794	84	13395	18.129	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	12685	18.073	ug/l	94
22) Diisopropyl ether	3.763	45	40475	17.917	ug/l	95
23) Vinyl Acetate	3.721	43	173306	90.851	ug/l	96
24) 1,1-Dichloroethane	3.617	63	23116	18.102	ug/l	97
25) 2-Butanone	4.556	43	48828	86.009	ug/l	93
26) 2,2-Dichloropropane	4.483	77	17772	19.184	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14876	18.276	ug/l	94
28) Bromochloromethane	4.903	49	9253	17.910	ug/l	84
29) Tetrahydrofuran	5.007	42	31408	82.662	ug/l	91
30) Chloroform	5.098	83	24484	18.459	ug/l	96
31) Cyclohexane	5.470	56	20068	16.504	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	22076	19.226	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17810	18.874	ug/l	97
37) Ethyl Acetate	4.721	43	19050	18.387	ug/l	98
38) Carbon Tetrachloride	5.678	117	19730	20.047	ug/l	99
39) Methylcyclohexane	7.385	83	21814	18.584	ug/l	93
40) Benzene	6.043	78	51723	18.743	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10108	17.785	ug/l	93
42) 1,2-Dichloroethane	6.086	62	19918	20.346	ug/l	98
43) Isopropyl Acetate	6.342	43	29489	18.502	ug/l	96
44) Trichloroethene	7.123	130	15491	18.766	ug/l	92
45) 1,2-Dichloropropane	7.433	63	12873	19.092	ug/l	99
46) Dibromomethane	7.580	93	9665	19.957	ug/l	93
47) Bromodichloromethane	7.824	83	18505	19.577	ug/l	99
48) Methyl methacrylate	7.696	41	14489	18.781	ug/l	95
49) 1,4-Dioxane	7.659	88	6052	347.004	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	95323	92.018	ug/l	95
52) Toluene	8.720	92	33344	18.870	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	18005	18.805	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	21411	20.292	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	14001	20.005	ug/l	97
56) Ethyl methacrylate	9.116	69	20822	19.109	ug/l	92
57) 1,3-Dichloropropane	9.311	76	22819	19.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	47688	90.797	ug/l	94
59) 2-Hexanone	9.433	43	70999	89.673	ug/l	94
60) Dibromochloromethane	9.518	129	14801	20.386	ug/l	99
61) 1,2-Dibromoethane	9.610	107	14373	19.284	ug/l	99
64) Tetrachloroethene	9.275	164	16047	19.375	ug/l	86
65) Chlorobenzene	10.079	112	36297	19.451	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14269	21.086	ug/l	99
67) Ethyl Benzene	10.195	91	64598	19.720	ug/l	96
68) m/p-Xylenes	10.305	106	50064	39.754	ug/l	99
69) o-Xylene	10.640	106	24947	19.737	ug/l	96
70) Styrene	10.658	104	41363	19.999	ug/l	97
71) Bromoform	10.799	173	10258	19.694	ug/l #	97
73) Isopropylbenzene	10.963	105	65600	20.386	ug/l	98
74) N-amyl acetate	10.841	43	23287	19.019	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	19224	20.226	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	18049m	19.926	ug/l	
77) Bromobenzene	11.201	156	16435	20.476	ug/l	88
78) n-propylbenzene	11.305	91	72569	19.841	ug/l	98
79) 2-Chlorotoluene	11.366	91	43752	19.521	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	55594	20.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	5006	19.550	ug/l	97
82) 4-Chlorotoluene	11.457	91	51263	20.022	ug/l	97
83) tert-Butylbenzene	11.713	119	53996	20.522	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	55292	20.543	ug/l	97
85) sec-Butylbenzene	11.890	105	66589	20.184	ug/l	99
86) p-Isopropyltoluene	12.012	119	56634	20.137	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	30474	20.177	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	30207	19.561	ug/l	99
89) n-Butylbenzene	12.335	91	45968	19.555	ug/l	99
90) Hexachloroethane	12.542	117	8273	18.990	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	30246	20.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4280	19.396	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	18339	19.721	ug/l	99
94) Hexachlorobutadiene	13.725	225	8077	20.921	ug/l	98
95) Naphthalene	13.774	128	62686	19.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18839	20.211	ug/l	98

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

