

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030165.D
 Acq On : 21 Jul 2022 16:20
 Operator : JC/MD
 Sample : VX0721WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBS03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 17:04:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	185249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135438	60.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.140%			
35) Dibromofluoromethane	5.397	113	109750	51.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.653	98	413484	51.710	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.085	95	150966	54.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38700	17.756	ug/l	100
3) Chloromethane	1.288	50	38822	20.111	ug/l	96
4) Vinyl Chloride	1.374	62	39005	18.192	ug/l	92
5) Bromomethane	1.599	94	15832	17.382	ug/l	91
6) Chloroethane	1.679	64	22335	18.498	ug/l	96
7) Trichlorofluoromethane	1.880	101	52899	19.104	ug/l	97
8) Diethyl Ether	2.136	74	20165	17.603	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	33014	17.464	ug/l	99
10) Methyl Iodide	2.447	142	30162	17.877	ug/l	95
11) Tert butyl alcohol	2.977	59	60231	103.500	ug/l	97
12) 1,1-Dichloroethene	2.319	96	30175	15.988	ug/l	92
13) Acrolein	2.239	56	5685	49.050	ug/l	93
14) Allyl chloride	2.660	41	74766	22.668	ug/l	97
15) Acrylonitrile	3.069	53	154225	116.609	ug/l	99
16) Acetone	2.386	43	128713	121.144	ug/l	97
17) Carbon Disulfide	2.508	76	88651	16.533	ug/l	97
18) Methyl Acetate	2.709	43	76374	23.629	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	131350	22.017	ug/l	95
20) Methylene Chloride	2.788	84	48712	21.605	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	40909	20.794	ug/l	98
22) Diisopropyl ether	3.770	45	146750	22.730	ug/l	90
23) Vinyl Acetate	3.727	43	645839	118.166	ug/l	99
24) 1,1-Dichloroethane	3.617	63	76880	21.489	ug/l	100
25) 2-Butanone	4.568	43	217882	120.385	ug/l	97
26) 2,2-Dichloropropane	4.483	77	50921	20.262	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49713	20.635	ug/l	98
28) Bromochloromethane	4.910	49	35255	23.424	ug/l	95
29) Tetrahydrofuran	5.019	42	144020	117.254	ug/l	97
30) Chloroform	5.099	83	78668	22.065	ug/l	98
31) Cyclohexane	5.477	56	66632	20.385	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	61721	21.181	ug/l	98
36) 1,1-Dichloropropene	5.696	75	54113	19.704	ug/l	99
37) Ethyl Acetate	4.727	43	77609	21.992	ug/l	98
38) Carbon Tetrachloride	5.684	117	52820	20.625	ug/l	95
39) Methylcyclohexane	7.391	83	65781	18.895	ug/l	99
40) Benzene	6.044	78	176648	20.436	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	43492	22.889	ug/l	96
42) 1,2-Dichloroethane	6.098	62	62863	23.466	ug/l	97
43) Isopropyl Acetate	6.355	43	116850	22.020	ug/l	96
44) Trichloroethene	7.129	130	45727	18.104	ug/l	93
45) 1,2-Dichloropropane	7.440	63	48222	21.463	ug/l	97
46) Dibromomethane	7.586	93	31650	20.467	ug/l	97
47) Bromodichloromethane	7.824	83	58737	20.933	ug/l	92
48) Methyl methacrylate	7.702	41	56957	23.263	ug/l	94
49) 1,4-Dioxane	7.671	88	28470	447.554	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	414786	118.123	ug/l	97
52) Toluene	8.726	92	109106	19.878	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58673	20.131	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	66370	19.877	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	48431	21.396	ug/l	96
56) Ethyl methacrylate	9.122	69	73326	21.546	ug/l	95
57) 1,3-Dichloropropane	9.311	76	76625	21.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	194874	105.455	ug/l	98
59) 2-Hexanone	9.433	43	326213	121.143	ug/l	96
60) Dibromochloromethane	9.525	129	42637	19.335	ug/l	99
61) 1,2-Dibromoethane	9.616	107	47455	20.144	ug/l	99
64) Tetrachloroethene	9.275	164	48116	20.001	ug/l	98
65) Chlorobenzene	10.086	112	114710	19.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40450	19.882	ug/l	99
67) Ethyl Benzene	10.195	91	207393	20.505	ug/l	96
68) m/p-Xylenes	10.305	106	157086	39.598	ug/l	96
69) o-Xylene	10.646	106	77376	19.480	ug/l	94
70) Styrene	10.659	104	132828	20.148	ug/l	99
71) Bromoform	10.805	173	29215	17.874	ug/l #	99
73) Isopropylbenzene	10.963	105	200087	20.127	ug/l	100
74) N-amyl acetate	10.848	43	95255	21.816	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	73902	20.605	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69157m	21.068	ug/l	
77) Bromobenzene	11.201	156	47887	19.253	ug/l	96
78) n-propylbenzene	11.305	91	237804	20.164	ug/l	100
79) 2-Chlorotoluene	11.366	91	144332	20.432	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	170656	20.373	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21276	18.705	ug/l	90
82) 4-Chlorotoluene	11.457	91	161331	20.384	ug/l	100
83) tert-Butylbenzene	11.719	119	158364	19.714	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	170259	20.549	ug/l	98
85) sec-Butylbenzene	11.896	105	216353	20.373	ug/l	99
86) p-Isopropyltoluene	12.012	119	171798	20.165	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	89186	19.407	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88819	18.833	ug/l	99
89) n-Butylbenzene	12.335	91	154418	20.229	ug/l	100
90) Hexachloroethane	12.542	117	27366	18.790	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	90668	19.419	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16825	20.545	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	51520	17.965	ug/l	98
94) Hexachlorobutadiene	13.725	225	21131	18.456	ug/l	98
95) Naphthalene	13.780	128	211824	18.609	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53528	18.344	ug/l	99

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

