

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071122\
 Data File : VX029994.D
 Acq On : 11 Jul 2022 13:47
 Operator : JC/MD
 Sample : VX0711WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0711WBSD03

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 02:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	182248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108007	46.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.640%		
35) Dibromofluoromethane	5.391	113	100984	53.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.820%		
50) Toluene-d8	8.653	98	367539	51.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.620%		
62) 4-Bromofluorobenzene	11.079	95	131751	52.545	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30531	17.179	ug/l	100
3) Chloromethane	1.288	50	29507	14.410	ug/l	100
4) Vinyl Chloride	1.374	62	33506	16.452	ug/l	98
5) Bromomethane	1.611	94	14219	12.672	ug/l	98
6) Chloroethane	1.685	64	19515	14.614	ug/l	94
7) Trichlorofluoromethane	1.886	101	48174	18.427	ug/l	98
8) Diethyl Ether	2.136	74	20399	17.407	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	33320	18.230	ug/l	97
10) Methyl Iodide	2.453	142	22691	10.594	ug/l	97
11) Tert butyl alcohol	2.983	59	51341	85.097	ug/l	100
12) 1,1-Dichloroethene	2.319	96	31900	16.996	ug/l	96
13) Acrolein	2.239	56	23393	79.179	ug/l	99
14) Allyl chloride	2.666	41	57577	16.622	ug/l	97
15) Acrylonitrile	3.068	53	123133	87.422	ug/l	98
16) Acetone	2.386	43	96905	85.861	ug/l	96
17) Carbon Disulfide	2.514	76	74667	15.999	ug/l	97
18) Methyl Acetate	2.709	43	62647	18.005	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	112481	17.751	ug/l	97
20) Methylene Chloride	2.788	84	39160	16.429	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	34114	16.571	ug/l	92
22) Diisopropyl ether	3.763	45	114672	16.382	ug/l	94
23) Vinyl Acetate	3.721	43	502910	83.071	ug/l	100
24) 1,1-Dichloroethane	3.611	63	62631	16.966	ug/l	100
25) 2-Butanone	4.562	43	167703	85.610	ug/l	99
26) 2,2-Dichloropropane	4.477	77	44259	18.267	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	42670	17.556	ug/l	97
28) Bromochloromethane	4.904	49	26334	17.799	ug/l	93
29) Tetrahydrofuran	5.013	42	111085	86.170	ug/l	98
30) Chloroform	5.099	83	64444	17.803	ug/l	93
31) Cyclohexane	5.470	56	52013	16.170	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	51863	17.992	ug/l	99
36) 1,1-Dichloropropene	5.696	75	45103	17.935	ug/l	98
37) Ethyl Acetate	4.721	43	62106	18.057	ug/l	98
38) Carbon Tetrachloride	5.684	117	44011	20.197	ug/l	99
39) Methylcyclohexane	7.385	83	57470	18.901	ug/l	91
40) Benzene	6.037	78	147167	18.098	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33984	18.587	ug/l	98
42) 1,2-Dichloroethane	6.092	62	46407	18.595	ug/l	97
43) Isopropyl Acetate	6.342	43	94957	18.334	ug/l	99
44) Trichloroethene	7.129	130	40892	18.673	ug/l	99
45) 1,2-Dichloropropane	7.434	63	39837	18.545	ug/l	97
46) Dibromomethane	7.586	93	26793	19.066	ug/l	94
47) Bromodichloromethane	7.824	83	52526	20.853	ug/l	97
48) Methyl methacrylate	7.696	41	44470	18.109	ug/l	98
49) 1,4-Dioxane	7.684	88	23124	397.665	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	324021	94.874	ug/l	99
52) Toluene	8.720	92	92319	18.814	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	53022	19.753	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	60938	20.090	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	42050	19.669	ug/l	98
56) Ethyl methacrylate	9.116	69	62434	18.523	ug/l	98
57) 1,3-Dichloropropane	9.311	76	65447	19.029	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	130850	81.356	ug/l	97
59) 2-Hexanone	9.433	43	248012	93.574	ug/l	98
60) Dibromochloromethane	9.525	129	42439	22.468	ug/l	100
61) 1,2-Dibromoethane	9.610	107	43066	19.713	ug/l	99
64) Tetrachloroethene	9.275	164	38786	23.748	ug/l	95
65) Chlorobenzene	10.079	112	102107	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38409	21.149	ug/l	97
67) Ethyl Benzene	10.195	91	170758	18.062	ug/l	96
68) m/p-Xylenes	10.305	106	136334	37.600	ug/l	99
69) o-Xylene	10.646	106	67981	18.510	ug/l	99
70) Styrene	10.659	104	113361	18.673	ug/l	98
71) Bromoform	10.805	173	31540	24.348	ug/l #	99
73) Isopropylbenzene	10.963	105	173460	18.315	ug/l	100
74) N-amyl acetate	10.841	43	74143	15.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	64434	17.281	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	58639m	18.715	ug/l	
77) Bromobenzene	11.201	156	42493	18.653	ug/l	94
78) n-propylbenzene	11.305	91	203141	18.186	ug/l	99
79) 2-Chlorotoluene	11.366	91	118977	17.915	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	142703	18.150	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20033	20.304	ug/l	95
82) 4-Chlorotoluene	11.457	91	132133	17.464	ug/l	97
83) tert-Butylbenzene	11.719	119	141807	18.199	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	143211	18.183	ug/l	98
85) sec-Butylbenzene	11.890	105	187430	19.088	ug/l	100
86) p-Isopropyltoluene	12.012	119	151091	19.279	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80362	18.374	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	82324	18.446	ug/l	99
89) n-Butylbenzene	12.335	91	134214	18.219	ug/l	99
90) Hexachloroethane	12.542	117	27568	21.564	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	81527	18.974	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14958	19.198	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	50694	19.469	ug/l	98
94) Hexachlorobutadiene	13.725	225	19709	20.461	ug/l	96
95) Naphthalene	13.780	128	198910	18.815	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52339	19.634	ug/l	99

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

