

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028520.D
 Acq On : 04 May 2022 14:31
 Operator : JC/MD
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Quant Time: May 05 03:17:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	311763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	497706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198472	48.824	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.640%		
35) Dibromofluoromethane	5.391	113	185069	53.023	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.040%		
50) Toluene-d8	8.652	98	644614	48.085	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.160%		
62) 4-Bromofluorobenzene	11.085	95	243374	47.480	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48452	24.075	ug/l	100
3) Chloromethane	1.294	50	46730	21.665	ug/l	99
4) Vinyl Chloride	1.373	62	56634	18.019	ug/l	97
5) Bromomethane	1.599	94	82470	25.429	ug/l	99
6) Chloroethane	1.684	64	41480	16.254	ug/l	99
7) Trichlorofluoromethane	1.885	101	105465	15.217	ug/l	98
8) Diethyl Ether	2.135	74	42006	18.190	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.330	101	56950	22.558	ug/l	98
10) Methyl Iodide	2.452	142	65006	22.091	ug/l	97
11) Tert butyl alcohol	2.958	59	77873	93.826	ug/l	98
12) 1,1-Dichloroethene	2.318	96	50919	21.252	ug/l	97
13) Acrolein	2.233	56	28348	56.902	ug/l	99
14) Allyl chloride	2.666	41	75127	18.687	ug/l	93
15) Acrylonitrile	3.062	53	172453	104.102	ug/l	99
16) Acetone	2.379	43	142539	114.045	ug/l	96
17) Carbon Disulfide	2.513	76	107740	16.698	ug/l	99
18) Methyl Acetate	2.702	43	75607	20.919	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	199560	19.974	ug/l	100
20) Methylene Chloride	2.788	84	64602	21.419	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	59148	18.152	ug/l	96
22) Diisopropyl ether	3.763	45	174950	19.106	ug/l #	89
23) Vinyl Acetate	3.720	43	749121	93.641	ug/l	100
24) 1,1-Dichloroethane	3.617	63	106149	19.632	ug/l	100
25) 2-Butanone	4.556	43	230672	95.815	ug/l	100
26) 2,2-Dichloropropane	4.476	77	84822	16.068	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	74384	19.145	ug/l	92
28) Bromochloromethane	4.903	49	52748	22.739	ug/l	88
29) Tetrahydrofuran	5.007	42	147296	93.834	ug/l	99
30) Chloroform	5.092	83	122809	18.913	ug/l	98
31) Cyclohexane	5.470	56	81664	16.489	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	105410	17.927	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80217	17.619	ug/l	98
37) Ethyl Acetate	4.714	43	89435	19.359	ug/l	99
38) Carbon Tetrachloride	5.684	117	92179	17.935	ug/l	99
39) Methylcyclohexane	7.384	83	89752	15.624	ug/l	95
40) Benzene	6.043	78	246977	18.532	ug/l	98

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41) Methacrylonitrile	4.921	41	46720	19.602	ug/l	97
42) 1,2-Dichloroethane	6.092	62	90582	18.310	ug/l	99
43) Isopropyl Acetate	6.342	43	135439	18.014	ug/l	99
44) Trichloroethene	7.128	130	72545	18.771	ug/l	97
45) 1,2-Dichloropropane	7.433	63	63326	19.412	ug/l	97
46) Dibromomethane	7.586	93	49124	19.197	ug/l	100
47) Bromodichloromethane	7.823	83	92185	18.743	ug/l	99
48) Methyl methacrylate	7.695	41	63625	18.432	ug/l	94
49) 1,4-Dioxane	7.659	88	34048	368.704	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	472112	97.851	ug/l	97
52) Toluene	8.720	92	166348	17.966	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	89590	17.140	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	99692	17.761	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	73958	19.659	ug/l	99
56) Ethyl methacrylate	9.116	69	103174	18.920	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	117084	19.283	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	292469	114.308	ug/l	94
59) 2-Hexanone	9.433	43	362610	97.023	ug/l	95
60) Dibromochloromethane	9.524	129	75688	18.455	ug/l	98
61) 1,2-Dibromoethane	9.610	107	76757	18.598	ug/l	98
64) Tetrachloroethene	9.274	164	70024	19.603	ug/l	96
65) Chlorobenzene	10.079	112	189564	19.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	72411	19.936	ug/l	99
67) Ethyl Benzene	10.195	91	323933	19.813	ug/l	98
68) m/p-Xylenes	10.305	106	260150	39.096	ug/l	94
69) o-Xylene	10.646	106	128737	19.405	ug/l	96
70) Styrene	10.658	104	212798	19.799	ug/l	99
71) Bromoform	10.805	173	56195	19.143	ug/l #	99
73) Isopropylbenzene	10.963	105	335932	20.235	ug/l	100
74) N-amyl acetate	10.847	43	115860	20.191	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	119316	22.148	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	100736m	21.192	ug/l	
77) Bromobenzene	11.201	156	85677	19.816	ug/l	93
78) n-propylbenzene	11.304	91	372692	20.245	ug/l	97
79) 2-Chlorotoluene	11.365	91	228165	19.936	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	280049	19.872	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27080	16.929	ug/l #	81
82) 4-Chlorotoluene	11.457	91	258521	19.609	ug/l	97
83) tert-Butylbenzene	11.719	119	285773	19.859	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	280764	20.043	ug/l	97
85) sec-Butylbenzene	11.890	105	338248	19.483	ug/l	99
86) p-Isopropyltoluene	12.012	119	289442	19.325	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162534	20.006	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	164334	19.265	ug/l	99
89) n-Butylbenzene	12.335	91	232536	18.908	ug/l	97
90) Hexachloroethane	12.542	117	45880	18.221	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	161390	19.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	24294	20.277	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	97201	20.250	ug/l	99
94) Hexachlorobutadiene	13.725	225	40815	19.055	ug/l	94
95) Naphthalene	13.780	128	341491	21.356	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99024	21.017	ug/l	96

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

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