

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028235.D
 Acq On : 21 Apr 2022 12:54
 Operator : JC/MD
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 21 16:41:54 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	5.550	168	287484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189354	50.515	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	167893	52.537	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.080%			
50) Toluene-d8	8.653	98	619911	50.506	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.020%			
62) 4-Bromofluorobenzene	11.079	95	231852	49.403	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47569	25.633	ug/l	100
3) Chloromethane	1.294	50	47534	24.161	ug/l	99
4) Vinyl Chloride	1.374	62	58060	20.033	ug/l	99
5) Bromomethane	1.599	94	49694	13.225	ug/l	96
6) Chloroethane	1.684	64	41269	17.809	ug/l	95
7) Trichlorofluoromethane	1.886	101	112828	17.654	ug/l	97
8) Diethyl Ether	2.130	74	40508	19.175	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	53861	23.136	ug/l	97
10) Methyl Iodide	2.453	142	64995	23.512	ug/l	97
11) Tert butyl alcohol	2.953	59	75090	98.586	ug/l	97
12) 1,1-Dichloroethene	2.319	96	50042	22.650	ug/l	95
13) Acrolein	2.233	56	45379	98.780	ug/l	99
14) Allyl chloride	2.666	41	69665	18.791	ug/l	92
15) Acrylonitrile	3.062	53	154289	101.003	ug/l	99
16) Acetone	2.373	43	129939	112.727	ug/l	92
17) Carbon Disulfide	2.508	76	111818	18.794	ug/l	99
18) Methyl Acetate	2.703	43	67791	20.340	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	183634	19.932	ug/l	98
20) Methylene Chloride	2.788	84	58728	21.115	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	58003	19.304	ug/l	94
22) Diisopropyl ether	3.757	45	157659	18.671	ug/l #	77
23) Vinyl Acetate	3.721	43	696084	94.360	ug/l	99
24) 1,1-Dichloroethane	3.611	63	97783	19.612	ug/l	98
25) 2-Butanone	4.556	43	208674	93.998	ug/l	97
26) 2,2-Dichloropropane	4.477	77	83251	17.102	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	69464	19.389	ug/l	93
28) Bromochloromethane	4.897	49	42209	19.732	ug/l	89
29) Tetrahydrofuran	5.007	42	135947	93.918	ug/l	99
30) Chloroform	5.092	83	114116	19.059	ug/l	96
31) Cyclohexane	5.470	56	81971	17.949	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	101972	18.807	ug/l	96
36) 1,1-Dichloropropene	5.696	75	78342	18.794	ug/l	97
37) Ethyl Acetate	4.714	43	81340	19.231	ug/l	99
38) Carbon Tetrachloride	5.672	117	86893	18.465	ug/l	97
39) Methylcyclohexane	7.385	83	98758	18.777	ug/l	94
40) Benzene	6.037	78	232879	19.085	ug/l	99

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41) Methacrylonitrile	4.922	41	40299	18.467	ug/l	98
42) 1,2-Dichloroethane	6.086	62	85497	18.876	ug/l	100
43) Isopropyl Acetate	6.342	43	124832	18.134	ug/l	98
44) Trichloroethene	7.129	130	70321	19.873	ug/l	99
45) 1,2-Dichloropropane	7.433	63	56033	18.760	ug/l	98
46) Dibromomethane	7.580	93	46530	19.860	ug/l	98
47) Bromodichloromethane	7.824	83	82726	18.371	ug/l	99
48) Methyl methacrylate	7.696	41	57822	18.295	ug/l	93
49) 1,4-Dioxane	7.659	88	33778	399.508	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	418483	94.734	ug/l	96
52) Toluene	8.720	92	158556	18.704	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83748	17.499	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	93238	18.143	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	67506	19.599	ug/l	97
56) Ethyl methacrylate	9.116	69	92788	18.584	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	107270	19.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	207954	88.771	ug/l	93
59) 2-Hexanone	9.433	43	320411	93.637	ug/l	95
60) Dibromochloromethane	9.525	129	67033	17.852	ug/l	97
61) 1,2-Dibromoethane	9.610	107	72722	19.245	ug/l	98
64) Tetrachloroethene	9.275	164	68074	20.359	ug/l	97
65) Chlorobenzene	10.079	112	178776	19.588	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	65745	19.337	ug/l	98
67) Ethyl Benzene	10.195	91	303498	19.831	ug/l	98
68) m/p-Xylenes	10.305	106	246257	39.536	ug/l	98
69) o-Xylene	10.640	106	121669	19.592	ug/l	97
70) Styrene	10.658	104	200358	19.915	ug/l	99
71) Bromoform	10.799	173	47641	17.675	ug/l #	100
73) Isopropylbenzene	10.963	105	319381	19.979	ug/l	100
74) N-amyl acetate	10.847	43	102789	18.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	102497	19.759	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93074m	20.334	ug/l	
77) Bromobenzene	11.201	156	80131	19.247	ug/l	94
78) n-propylbenzene	11.305	91	358349	20.216	ug/l	97
79) 2-Chlorotoluene	11.366	91	217638	19.748	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	271654	20.019	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24553	15.941	ug/l #	82
82) 4-Chlorotoluene	11.457	91	248082	19.542	ug/l	94
83) tert-Butylbenzene	11.713	119	274719	19.826	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	271468	20.125	ug/l	97
85) sec-Butylbenzene	11.890	105	336052	20.102	ug/l	98
86) p-Isopropyltoluene	12.012	119	290258	20.126	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155536	19.882	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	161308	19.639	ug/l	100
89) n-Butylbenzene	12.335	91	233395	19.709	ug/l	98
90) Hexachloroethane	12.542	117	44034	18.167	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	157270	20.237	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22495	19.499	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	95090	20.573	ug/l	99
94) Hexachlorobutadiene	13.725	225	39839	19.316	ug/l	95
95) Naphthalene	13.780	128	324921	21.102	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	95445	21.037	ug/l	97

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

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