

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022096.D
 Acq On : 19 May 2021 18:32
 Operator : JC/MD
 Sample : VX0519WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBSD01

Manual Integrations
 APPROVED

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 5/21/2021 1:50:24 PM

Quant Time: May 20 04:23:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	85561	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	170189	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	149653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66874	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61901	46.90	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.80%		
35) Dibromofluoromethane	5.397	113	48917	45.32	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.64%		
50) Toluene-d8	8.653	98	187555	45.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.22%#		
62) 4-Bromofluorobenzene	11.085	95	70142	45.65	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.30%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19954	19.18	ug/l	97
3) Chloromethane	1.288	50	21390	19.06	ug/l	97
4) Vinyl Chloride	1.374	62	22751	19.16	ug/l	99
5) Bromomethane	1.611	94	12546	18.13	ug/l	97
6) Chloroethane	1.685	64	13796	19.52	ug/l	96
7) Trichlorofluoromethane	1.886	101	31781	18.62	ug/l	95
8) Diethyl Ether	2.136	74	13500	18.39	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	18728	18.48	ug/l	94
10) Methyl Iodide	2.453	142	18673	17.14	ug/l	93
11) Tert butyl alcohol	2.977	59	30726	101.78	ug/l	98
12) 1,1-Dichloroethene	2.325	96	18255	18.62	ug/l	92
13) Acrolein	2.239	56	16554	82.68	ug/l	98
14) Allyl chloride	2.666	41	33437	18.56	ug/l	98
15) Acrylonitrile	3.069	53	58925	99.15	ug/l	99
16) Acetone	2.386	43	54237	94.38	ug/l	97
17) Carbon Disulfide	2.514	76	44406	17.29	ug/l	100
18) Methyl Acetate	2.709	43	28858	18.88	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	63925	19.03	ug/l	99
20) Methylene Chloride	2.794	84	22262	17.45	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	20073	18.82	ug/l	95
22) Diisopropyl ether	3.770	45	65333	18.83	ug/l	95
23) Vinyl Acetate	3.727	43	312762	93.64	ug/l	99
24) 1,1-Dichloroethane	3.617	63	38005	18.67	ug/l	99
25) 2-Butanone	4.574	43	91000	97.88	ug/l	92
26) 2,2-Dichloropropane	4.483	77	31725	17.56	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	23701	18.27	ug/l	97
28) Bromochloromethane	4.904	49	18700	18.93	ug/l	86
29) Tetrahydrofuran	5.019	42	51819	93.64	ug/l	95
30) Chloroform	5.105	83	39416	18.74	ug/l	95
31) Cyclohexane	5.477	56	30204	18.21	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	34157	19.00	ug/l	98
36) 1,1-Dichloropropene	5.702	75	29220	18.57	ug/l	98
37) Ethyl Acetate	4.727	43	35117	18.20	ug/l	96
38) Carbon Tetrachloride	5.684	117	28903	18.77	ug/l	99
39) Methylcyclohexane	7.385	83	30894	17.31	ug/l	97
40) Benzene	6.050	78	88460	18.27	ug/l	99

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41) Methacrylonitrile	4.928	41	19033	18.44	ug/l	96
42) 1,2-Dichloroethane	6.098	62	31457	18.54	ug/l	98
43) Isopropyl Acetate	6.348	43	57560	18.24	ug/l	95
44) Trichloroethene	7.135	130	22228	18.47	ug/l	93
45) 1,2-Dichloropropane	7.440	63	23228	18.81	ug/l	94
46) Dibromomethane	7.586	93	15367	18.34	ug/l #	86
47) Bromodichloromethane	7.830	83	30922	18.44	ug/l	93
48) Methyl methacrylate	7.696	41	26764	18.40	ug/l	93
49) 1,4-Dioxane	7.677	88	11931	421.39	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	178857	94.63	ug/l	93
52) Toluene	8.726	92	55191	18.00	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	33683	17.40	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	37016	17.79	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	23315	18.73	ug/l	94
56) Ethyl methacrylate	9.122	69	36441	18.11	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	39982	18.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	99651	91.58	ug/l	99
59) 2-Hexanone	9.433	43	137383	96.64	ug/l	91
60) Dibromochloromethane	9.525	129	21725	17.94	ug/l	99
61) 1,2-Dibromoethane	9.616	107	23281	18.78	ug/l	97
64) Tetrachloroethene	9.281	164	18720	19.05	ug/l #	89
65) Chlorobenzene	10.086	112	58364	18.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20301	18.75	ug/l	97
67) Ethyl Benzene	10.195	91	106805	18.64	ug/l	98
68) m/p-Xylenes	10.305	106	81353	37.56	ug/l	99
69) o-Xylene	10.646	106	40203	19.09	ug/l	100
70) Styrene	10.659	104	66182	19.18	ug/l	98
71) Bromoform	10.805	173	13623	17.37	ug/l #	98
73) Isopropylbenzene	10.963	105	104909	18.53	ug/l	100
74) N-amyl acetate	10.848	43	49000	18.24	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	35962	19.17	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	31381m	19.02	ug/l	
77) Bromobenzene	11.201	156	22224	18.52	ug/l	89
78) n-propylbenzene	11.305	91	121964	18.40	ug/l	99
79) 2-Chlorotoluene	11.366	91	71833	17.86	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	88262	18.82	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11770	16.90	ug/l	99
82) 4-Chlorotoluene	11.457	91	83084	17.93	ug/l	98
83) tert-Butylbenzene	11.719	119	82994	18.45	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	88833	18.81	ug/l	100
85) sec-Butylbenzene	11.896	105	105359	18.43	ug/l	99
86) p-Isopropyltoluene	12.012	119	89180	18.47	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	42383	18.32	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	42243	17.66	ug/l	95
89) n-Butylbenzene	12.335	91	80296	17.98	ug/l	98
90) Hexachloroethane	12.542	117	14003	17.55	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	41846	18.83	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8110	20.20	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	24986	18.63	ug/l	96
94) Hexachlorobutadiene	13.725	225	9467	18.09	ug/l	97
95) Naphthalene	13.780	128	101434	19.39	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25056	18.53	ug/l	97

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

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