

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022290.D
 Acq On : 01 Jun 2021 15:02
 Operator : JC/MD
 Sample : VX0601WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBSD01

Manual Integrations
 APPROVED

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 6/2/2021 1:59:07 PM

Quant Time: Jun 01 16:08:08 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	5.568	168	91043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77001	54.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.66%			
35) Dibromofluoromethane	5.397	113	59684	52.34	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.68%			
50) Toluene-d8	8.653	98	231020	52.59	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.18%			
62) 4-Bromofluorobenzene	11.085	95	85748	52.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	20548	18.56	ug/l	96
3) Chloromethane	1.294	50	22227	18.62	ug/l	95
4) Vinyl Chloride	1.374	62	23563	18.65	ug/l	94
5) Bromomethane	1.605	94	13760	18.68	ug/l	90
6) Chloroethane	1.685	64	15104	20.08	ug/l	94
7) Trichlorofluoromethane	1.886	101	34992	19.26	ug/l	96
8) Diethyl Ether	2.142	74	14882	19.05	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	21626	20.05	ug/l	92
10) Methyl Iodide	2.453	142	20914	18.04	ug/l	96
11) Tert butyl alcohol	2.977	59	35416	110.26	ug/l	100
12) 1,1-Dichloroethene	2.319	96	20498	19.64	ug/l	97
13) Acrolein	2.239	56	6974	32.74	ug/l	94
14) Allyl chloride	2.672	41	39666	20.70	ug/l	97
15) Acrylonitrile	3.068	53	71926	113.74	ug/l	99
16) Acetone	2.386	43	66804	109.24	ug/l	98
17) Carbon Disulfide	2.514	76	41407	15.15	ug/l	100
18) Methyl Acetate	2.715	43	38356	23.58	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	76553	21.42	ug/l	96
20) Methylene Chloride	2.794	84	26927	19.83	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	22424	19.76	ug/l	97
22) Diisopropyl ether	3.770	45	79000	21.40	ug/l	95
23) Vinyl Acetate	3.733	43	380559	107.08	ug/l	95
24) 1,1-Dichloroethane	3.617	63	45118	20.83	ug/l	99
25) 2-Butanone	4.568	43	113222	114.45	ug/l	94
26) 2,2-Dichloropropane	4.489	77	39110	20.34	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	28537	20.67	ug/l	97
28) Bromochloromethane	4.904	49	24533	23.35	ug/l	83
29) Tetrahydrofuran	5.019	42	65131	110.61	ug/l	92
30) Chloroform	5.111	83	47548	21.24	ug/l	99
31) Cyclohexane	5.477	56	32852	18.61	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	39072	20.43	ug/l	98
36) 1,1-Dichloropropene	5.702	75	32555	19.58	ug/l	98
37) Ethyl Acetate	4.733	43	43720	21.45	ug/l	94
38) Carbon Tetrachloride	5.684	117	31295	19.24	ug/l	96
39) Methylcyclohexane	7.391	83	33512	17.77	ug/l	97
40) Benzene	6.050	78	103826	20.29	ug/l	99

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41) Methacrylonitrile	4.928	41	23433	21.49	ug/l	94
42) 1,2-Dichloroethane	6.098	62	38418	21.44	ug/l	98
43) Isopropyl Acetate	6.354	43	71299	21.39	ug/l	95
44) Trichloroethene	7.135	130	24863	19.56	ug/l	92
45) 1,2-Dichloropropane	7.440	63	27586	21.14	ug/l	99
46) Dibromomethane	7.592	93	18028	20.36	ug/l #	88
47) Bromodichloromethane	7.830	83	34420	19.43	ug/l	96
48) Methyl methacrylate	7.702	41	32452	21.12	ug/l	92
49) 1,4-Dioxane	7.665	88	13207	441.50	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	225836	113.09	ug/l	92
52) Toluene	8.720	92	66078	20.40	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	40989	20.04	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	44081	20.05	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	28045	21.32	ug/l	97
56) Ethyl methacrylate	9.122	69	44763	21.06	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	47448	21.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	113142	98.42	ug/l	97
59) 2-Hexanone	9.433	43	172277	114.70	ug/l	90
60) Dibromochloromethane	9.525	129	24865	19.43	ug/l	97
61) 1,2-Dibromoethane	9.616	107	26957	20.59	ug/l	98
64) Tetrachloroethene	9.281	164	20526	19.40	ug/l	93
65) Chlorobenzene	10.086	112	68064	20.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	24186	20.75	ug/l	95
67) Ethyl Benzene	10.195	91	125780	20.38	ug/l	99
68) m/p-Xylenes	10.305	106	95000	40.73	ug/l	100
69) o-Xylene	10.646	106	44626	19.67	ug/l	94
70) Styrene	10.659	104	77648	20.89	ug/l	98
71) Bromoform	10.805	173	15209	17.96	ug/l #	99
73) Isopropylbenzene	10.963	105	124320	19.96	ug/l	100
74) N-amyl acetate	10.848	43	62582	21.17	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	43665	21.15	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	39879m	21.96	ug/l	
77) Bromobenzene	11.201	156	25533	19.33	ug/l	86
78) n-propylbenzene	11.305	91	144727	19.84	ug/l	97
79) 2-Chlorotoluene	11.366	91	84834	19.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	101229	19.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	14518	18.94	ug/l	95
82) 4-Chlorotoluene	11.457	91	99317	19.48	ug/l	96
83) tert-Butylbenzene	11.719	119	96544	19.50	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	103241	19.87	ug/l	99
85) sec-Butylbenzene	11.896	105	126790	20.15	ug/l	97
86) p-Isopropyltoluene	12.012	119	104443	19.65	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	50716	19.92	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	48689	18.50	ug/l	94
89) n-Butylbenzene	12.335	91	97318	19.80	ug/l	97
90) Hexachloroethane	12.542	117	15930	18.14	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	49644	20.30	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8986	20.34	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	28587	19.37	ug/l	97
94) Hexachlorobutadiene	13.725	225	10004	17.37	ug/l	97
95) Naphthalene	13.780	128	121006	21.02	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	29898	20.09	ug/l	96

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

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