

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022384.D
 Acq On : 03 Jun 2021 22:40
 Operator : JC/MD
 Sample : VX0603WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD02

Manual Integrations
 APPROVED

MMdadoda
 6/4/2021 1:55:12 PM

Quant Time: Jun 04 03:56:53 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	80528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	158977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	68962	55.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.040%
35) Dibromofluoromethane	5.391	113	52399	51.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.960%
50) Toluene-d8	8.653	98	201478	51.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.760%
62) 4-Bromofluorobenzene	11.085	95	76250	53.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.240%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21398	21.857	ug/l	97
3) Chloromethane	1.294	50	23688	22.432	ug/l	98
4) Vinyl Chloride	1.374	62	24794	22.189	ug/l	98
5) Bromomethane	1.599	94	18789	28.842	ug/l	99
6) Chloroethane	1.685	64	15308	23.008	ug/l	99
7) Trichlorofluoromethane	1.886	101	35238	21.933	ug/l	97
8) Diethyl Ether	2.142	74	14267	20.648	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	20848	21.853	ug/l	90
10) Methyl Iodide	2.453	142	24351	23.751	ug/l	94
11) Tert butyl alcohol	2.977	59	36701	129.176	ug/l	99
12) 1,1-Dichloroethene	2.319	96	21613	23.418	ug/l	96
13) Acrolein	2.239	56	20111	106.726	ug/l	99
14) Allyl chloride	2.666	41	37954	22.390	ug/l	95
15) Acrylonitrile	3.075	53	69522	124.292	ug/l	99
16) Acetone	2.386	43	64170	118.638	ug/l	99
17) Carbon Disulfide	2.514	76	49107	20.315	ug/l	99
18) Methyl Acetate	2.709	43	34823	24.208	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	71125	22.496	ug/l	99
20) Methylene Chloride	2.794	84	25250	21.025	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	24000	23.907	ug/l	92
22) Diisopropyl ether	3.770	45	76168	23.329	ug/l	89
23) Vinyl Acetate	3.733	43	370617	117.897	ug/l	95
24) 1,1-Dichloroethane	3.617	63	44891	23.430	ug/l	98
25) 2-Butanone	4.568	43	110555	126.341	ug/l	92
26) 2,2-Dichloropropane	4.483	77	28167	16.561	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	27634	22.635	ug/l	98
28) Bromochloromethane	4.904	49	22251	23.939	ug/l	# 81
29) Tetrahydrofuran	5.026	42	64965	124.735	ug/l	90
30) Chloroform	5.105	83	45122	22.793	ug/l	100
31) Cyclohexane	5.477	56	36173	23.173	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	37540	22.192	ug/l	98
36) 1,1-Dichloropropene	5.702	75	33654	22.893	ug/l	98
37) Ethyl Acetate	4.721	43	43006	23.865	ug/l	94
38) Carbon Tetrachloride	5.684	117	29881	20.779	ug/l	96
39) Methylcyclohexane	7.391	83	35544	21.319	ug/l	98
40) Benzene	6.050	78	103620	22.909	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22311	23.143	ug/l	95
42) 1,2-Dichloroethane	6.098	62	36633	23.118	ug/l	98
43) Isopropyl Acetate	6.348	43	70033	23.759	ug/l	93
44) Trichloroethene	7.135	130	25167	22.391	ug/l	99
45) 1,2-Dichloropropane	7.440	63	26674	23.118	ug/l	97
46) Dibromomethane	7.586	93	17306	22.108	ug/l #	86
47) Bromodichloromethane	7.830	83	32130	20.512	ug/l	98
48) Methyl methacrylate	7.696	41	31265	23.016	ug/l	91
49) 1,4-Dioxane	7.665	88	14063	531.724	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	218649	123.836	ug/l	91
52) Toluene	8.720	92	63315	22.104	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	36539	20.208	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	39461	20.300	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	26076	22.424	ug/l	98
56) Ethyl methacrylate	9.122	69	41627	22.150	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	45271	22.803	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	106495	104.772	ug/l	96
59) 2-Hexanone	9.433	43	166720	125.548	ug/l	89
60) Dibromochloromethane	9.525	129	21706	19.187	ug/l	95
61) 1,2-Dibromoethane	9.616	107	26430	22.828	ug/l	100
64) Tetrachloroethene	9.275	164	19858	20.676	ug/l	89
65) Chlorobenzene	10.086	112	65603	21.543	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	21797	20.599	ug/l	98
67) Ethyl Benzene	10.195	91	122749	21.911	ug/l	99
68) m/p-Xylenes	10.305	106	91391	43.166	ug/l	100
69) o-Xylene	10.646	106	44511	21.616	ug/l	98
70) Styrene	10.659	104	72755	21.568	ug/l	98
71) Bromoform	10.805	173	12438	16.316	ug/l #	98
73) Isopropylbenzene	10.963	105	117174	21.311	ug/l	100
74) N-amyl acetate	10.848	43	58558	22.438	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	40602	22.279	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	36753m	22.933	ug/l	
77) Bromobenzene	11.201	156	24242	20.794	ug/l	84
78) n-propylbenzene	11.305	91	137923	21.416	ug/l	98
79) 2-Chlorotoluene	11.366	91	80370	20.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	97294	21.351	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	11157	16.495	ug/l	91
82) 4-Chlorotoluene	11.457	91	95433	21.206	ug/l	97
83) tert-Butylbenzene	11.719	119	89809	20.549	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	97124	21.174	ug/l	99
85) sec-Butylbenzene	11.896	105	115675	20.828	ug/l	97
86) p-Isopropyltoluene	12.012	119	97605	20.808	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45865	20.405	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	47466	20.430	ug/l	94
89) n-Butylbenzene	12.335	91	87984	20.277	ug/l	98
90) Hexachloroethane	12.542	117	13356	17.228	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	45650	21.144	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7944	20.371	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	25991	19.950	ug/l	97
94) Hexachlorobutadiene	13.725	225	9621	18.921	ug/l	99
95) Naphthalene	13.780	128	112126	22.069	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26298	20.025	ug/l	97

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

