

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022354.D
 Acq On : 03 Jun 2021 10:28
 Operator : JC/MD
 Sample : VX0603WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBS01

Manual Integrations
 APPROVED

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 6/4/2021 1:54:32 PM

Quant Time: Jun 03 13:03:15 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	82520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	165014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	147520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70864	55.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.340%
35) Dibromofluoromethane	5.397	113	52926	50.577	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	8.653	98	205638	51.014	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.085	95	77526	52.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20376	20.311	ug/l	94
3) Chloromethane	1.294	50	22919	21.180	ug/l	99
4) Vinyl Chloride	1.374	62	23918	20.888	ug/l	97
5) Bromomethane	1.599	94	16086	24.096	ug/l	97
6) Chloroethane	1.685	64	14412	21.138	ug/l	98
7) Trichlorofluoromethane	1.886	101	34724	21.091	ug/l	93
8) Diethyl Ether	2.142	74	14055	19.850	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	20585	21.056	ug/l	91
10) Methyl Iodide	2.453	142	21516	20.479	ug/l	94
11) Tert butyl alcohol	2.977	59	31367	107.737	ug/l	98
12) 1,1-Dichloroethene	2.319	96	20043	21.192	ug/l	93
13) Acrolein	2.239	56	22076	114.326	ug/l	99
14) Allyl chloride	2.666	41	38172	21.975	ug/l	95
15) Acrylonitrile	3.075	53	65196	113.745	ug/l	100
16) Acetone	2.386	43	62751	113.214	ug/l	96
17) Carbon Disulfide	2.514	76	46557	18.795	ug/l	97
18) Methyl Acetate	2.715	43	32250	21.878	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	69502	21.452	ug/l	99
20) Methylene Chloride	2.794	84	25372	20.617	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	22699	22.065	ug/l	98
22) Diisopropyl ether	3.770	45	74328	22.216	ug/l	# 92
23) Vinyl Acetate	3.733	43	352398	109.395	ug/l	95
24) 1,1-Dichloroethane	3.617	63	43611	22.212	ug/l	97
25) 2-Butanone	4.568	43	102784	114.625	ug/l	92
26) 2,2-Dichloropropane	4.489	77	35230	20.213	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	27312	21.831	ug/l	99
28) Bromochloromethane	4.910	49	23661	24.841	ug/l	87
29) Tetrahydrofuran	5.019	42	59866	112.170	ug/l	90
30) Chloroform	5.105	83	43858	21.620	ug/l	99
31) Cyclohexane	5.470	56	35382	22.119	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35940	20.733	ug/l	98
36) 1,1-Dichloropropene	5.702	75	32957	21.599	ug/l	97
37) Ethyl Acetate	4.727	43	39607	21.175	ug/l	94
38) Carbon Tetrachloride	5.684	117	29472	19.745	ug/l	97
39) Methylcyclohexane	7.385	83	36562	21.127	ug/l	97
40) Benzene	6.050	78	100694	21.448	ug/l	97

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41) Methacrylonitrile	4.934	41	20112	20.099	ug/l	95
42) 1,2-Dichloroethane	6.098	62	35972	21.870	ug/l	98
43) Isopropyl Acetate	6.348	43	65058	21.264	ug/l	93
44) Trichloroethene	7.129	130	23357	20.020	ug/l	89
45) 1,2-Dichloropropane	7.433	63	25817	21.557	ug/l	97
46) Dibromomethane	7.592	93	16580	20.406	ug/l #	87
47) Bromodichloromethane	7.830	83	31414	19.321	ug/l	98
48) Methyl methacrylate	7.702	41	29843	21.165	ug/l	91
49) 1,4-Dioxane	7.665	88	12324	448.924	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	200909	109.626	ug/l	92
52) Toluene	8.720	92	61970	20.843	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36591	19.497	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	40166	19.906	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	25692	21.286	ug/l	94
56) Ethyl methacrylate	9.122	69	39492	20.245	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	43101	20.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	104286	98.846	ug/l	97
59) 2-Hexanone	9.433	43	153686	111.498	ug/l	91
60) Dibromochloromethane	9.525	129	21124	17.989	ug/l	100
61) 1,2-Dibromoethane	9.616	107	25694	21.380	ug/l	96
64) Tetrachloroethene	9.281	164	19728	20.369	ug/l	90
65) Chlorobenzene	10.085	112	63757	20.762	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	20344	19.065	ug/l	96
67) Ethyl Benzene	10.195	91	118088	20.903	ug/l	100
68) m/p-Xylenes	10.305	106	85797	40.185	ug/l	95
69) o-Xylene	10.646	106	42781	20.603	ug/l	100
70) Styrene	10.659	104	70334	20.676	ug/l	98
71) Bromoform	10.805	173	12294	16.021	ug/l #	97
73) Isopropylbenzene	10.963	105	110909	19.919	ug/l	98
74) N-amyl acetate	10.848	43	55337	20.938	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.219	83	37753	20.456	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	34713m	21.388	ug/l	
77) Bromobenzene	11.201	156	23410	19.829	ug/l	87
78) n-propylbenzene	11.305	91	131917	20.227	ug/l	100
79) 2-Chlorotoluene	11.366	91	79817	20.178	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	95141	20.616	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	11411	16.658	ug/l	88
82) 4-Chlorotoluene	11.457	91	91377	20.051	ug/l	97
83) tert-Butylbenzene	11.719	119	86725	19.595	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	96341	20.740	ug/l	96
85) sec-Butylbenzene	11.896	105	115021	20.450	ug/l	98
86) p-Isopropyltoluene	12.012	119	93631	19.710	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	44635	19.609	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	45969	19.537	ug/l	96
89) n-Butylbenzene	12.335	91	88876	20.226	ug/l	97
90) Hexachloroethane	12.542	117	12986	16.541	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	44022	20.134	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7851	19.880	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	25498	19.326	ug/l	97
94) Hexachlorobutadiene	13.731	225	9693	18.823	ug/l	97
95) Naphthalene	13.780	128	106237	20.648	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25871	19.453	ug/l	97

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

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