

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022557.D
 Acq On : 08 Jun 2021 12:40
 Operator : JC/MD
 Sample : VX0608WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:20:48 PM

Quant Time: Jun 09 03:59:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57971	46.803	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.397	113	41567	48.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	8.653	98	166553	49.095	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.085	95	61454	48.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	16173	19.905	ug/l	98
3) Chloromethane	1.294	50	17376	17.707	ug/l	99
4) Vinyl Chloride	1.374	62	17298	18.060	ug/l	98
5) Bromomethane	1.599	94	10741	21.344	ug/l	99
6) Chloroethane	1.685	64	10952	18.159	ug/l	99
7) Trichlorofluoromethane	1.886	101	26023	18.656	ug/l	98
8) Diethyl Ether	2.136	74	10694	18.805	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	15580	18.217	ug/l	90
10) Methyl Iodide	2.453	142	16413	16.303	ug/l	92
11) Tert butyl alcohol	2.977	59	24994	89.964	ug/l	97
12) 1,1-Dichloroethene	2.319	96	14951	16.923	ug/l	94
13) Acrolein	2.239	56	11376	87.871	ug/l	97
14) Allyl chloride	2.666	41	29023	17.915	ug/l	94
15) Acrylonitrile	3.069	53	52961	91.438	ug/l	100
16) Acetone	2.386	43	49444	88.838	ug/l	96
17) Carbon Disulfide	2.514	76	33651	17.577	ug/l	100
18) Methyl Acetate	2.709	43	28803	18.766	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	55379	18.800	ug/l	99
20) Methylene Chloride	2.794	84	19880	17.108	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	17475	17.563	ug/l	97
22) Diisopropyl ether	3.770	45	58494	17.999	ug/l #	91
23) Vinyl Acetate	3.727	43	279341	91.341	ug/l	94
24) 1,1-Dichloroethane	3.611	63	33057	17.871	ug/l	99
25) 2-Butanone	4.568	43	83914	91.229	ug/l	92
26) 2,2-Dichloropropane	4.483	77	25747	18.163	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	20668	17.693	ug/l	96
28) Bromochloromethane	4.910	49	15971	17.081	ug/l #	79
29) Tetrahydrofuran	5.019	42	48748	90.308	ug/l	91
30) Chloroform	5.105	83	33190	17.865	ug/l	99
31) Cyclohexane	5.477	56	27525	18.786	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	26499	17.983	ug/l	95
36) 1,1-Dichloropropene	5.696	75	24619	18.727	ug/l	97
37) Ethyl Acetate	4.727	43	32186	19.088	ug/l #	95
38) Carbon Tetrachloride	5.678	117	20919	18.315	ug/l	98
39) Methylcyclohexane	7.385	83	26903	19.449	ug/l	91
40) Benzene	6.044	78	75480	18.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	17099	18.430	ug/l	93
42) 1,2-Dichloroethane	6.098	62	28328	18.942	ug/l	97
43) Isopropyl Acetate	6.348	43	51566	18.853	ug/l	93
44) Trichloroethene	7.129	130	18336	19.155	ug/l	94
45) 1,2-Dichloropropane	7.434	63	19927	19.095	ug/l	99
46) Dibromomethane	7.586	93	13017	18.300	ug/l #	85
47) Bromodichloromethane	7.824	83	23547	18.466	ug/l	95
48) Methyl methacrylate	7.702	41	24190	19.006	ug/l	86
49) 1,4-Dioxane	7.659	88	9634	374.267	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	168539	98.908	ug/l	89
52) Toluene	8.720	92	47956	18.821	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	26374	17.901	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	28907	17.873	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	19759	19.897	ug/l	98
56) Ethyl methacrylate	9.122	69	31340	18.774	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	34661	19.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	85960	89.543	ug/l	96
59) 2-Hexanone	9.433	43	125326	96.275	ug/l	89
60) Dibromochloromethane	9.525	129	14821	17.448	ug/l	96
61) 1,2-Dibromoethane	9.616	107	19196	18.336	ug/l	99
64) Tetrachloroethene	9.275	164	15673	18.856	ug/l #	87
65) Chlorobenzene	10.086	112	48569	18.826	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	16079	18.564	ug/l	95
67) Ethyl Benzene	10.195	91	89950	18.948	ug/l	98
68) m/p-Xylenes	10.305	106	67557	39.153	ug/l	99
69) o-Xylene	10.646	106	32067	19.007	ug/l	96
70) Styrene	10.659	104	54639	19.156	ug/l	99
71) Bromoform	10.805	173	8766	17.491	ug/l #	97
73) Isopropylbenzene	10.963	105	85617	19.140	ug/l	97
74) N-amyl acetate	10.848	43	44255	18.439	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.219	83	30131	18.714	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	27009m	18.996	ug/l	
77) Bromobenzene	11.201	156	17724	18.391	ug/l	82
78) n-propylbenzene	11.305	91	103693	19.100	ug/l	97
79) 2-Chlorotoluene	11.366	91	61007	18.883	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	71882	18.808	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	7919	18.303	ug/l #	85
82) 4-Chlorotoluene	11.457	91	71400	19.093	ug/l	95
83) tert-Butylbenzene	11.719	119	65184	19.146	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	74163	19.294	ug/l	100
85) sec-Butylbenzene	11.896	105	87605	19.336	ug/l	97
86) p-Isopropyltoluene	12.012	119	72191	19.278	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	35175	18.795	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	34993	17.948	ug/l	96
89) n-Butylbenzene	12.335	91	68534	19.061	ug/l	96
90) Hexachloroethane	12.542	117	9289	17.394	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	32997	18.577	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5798	18.397	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	19474	18.236	ug/l	97
94) Hexachlorobutadiene	13.731	225	7230	18.891	ug/l	97
95) Naphthalene	13.780	128	80349	18.768	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19810	18.561	ug/l	95

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

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