

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022360.D
 Acq On : 03 Jun 2021 12:51
 Operator : JC/MD
 Sample : VX0603WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0603WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2021 1:54:43 PM

Quant Time: Jun 04 03:49:18 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	5.556	168	85434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70179	53.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.500%
35) Dibromofluoromethane	5.397	113	52805	50.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	8.653	98	201853	49.706	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.420%
62) 4-Bromofluorobenzene	11.085	95	76994	51.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21061	20.278	ug/l	99
3) Chloromethane	1.294	50	22793	20.345	ug/l	94
4) Vinyl Chloride	1.374	62	23807	20.082	ug/l	100
5) Bromomethane	1.599	94	16724	24.198	ug/l	97
6) Chloroethane	1.685	64	14377	20.367	ug/l	94
7) Trichlorofluoromethane	1.886	101	33586	19.704	ug/l	100
8) Diethyl Ether	2.136	74	13551	18.486	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	20587	20.340	ug/l	90
10) Methyl Iodide	2.453	142	21713	19.962	ug/l	95
11) Tert butyl alcohol	2.977	59	30499	101.183	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20563	21.001	ug/l	99
13) Acrolein	2.239	56	21713	108.611	ug/l	96
14) Allyl chloride	2.666	41	36994	20.570	ug/l	95
15) Acrylonitrile	3.075	53	64160	108.119	ug/l	99
16) Acetone	2.386	43	61218	106.681	ug/l	97
17) Carbon Disulfide	2.514	76	47366	18.469	ug/l #	94
18) Methyl Acetate	2.709	43	32473	21.278	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	68758	20.499	ug/l	98
20) Methylene Chloride	2.794	84	25455	19.979	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	23625	22.182	ug/l	92
22) Diisopropyl ether	3.770	45	73947	21.348	ug/l	97
23) Vinyl Acetate	3.727	43	357297	107.133	ug/l	95
24) 1,1-Dichloroethane	3.611	63	42734	21.023	ug/l	97
25) 2-Butanone	4.568	43	100413	108.161	ug/l	94
26) 2,2-Dichloropropane	4.483	77	34922	19.353	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	26039	20.104	ug/l	95
28) Bromochloromethane	4.910	49	22272	22.585	ug/l	84
29) Tetrahydrofuran	5.013	42	58519	105.907	ug/l	90
30) Chloroform	5.099	83	43098	20.520	ug/l	95
31) Cyclohexane	5.477	56	35241	21.280	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	35679	19.880	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32577	21.192	ug/l	98
37) Ethyl Acetate	4.733	43	37999	20.165	ug/l	94
38) Carbon Tetrachloride	5.684	117	28218	18.765	ug/l	92
39) Methylcyclohexane	7.385	83	36912	21.172	ug/l	98
40) Benzene	6.043	78	100517	21.252	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	20596	20.431	ug/l	94
42) 1,2-Dichloroethane	6.098	62	35499	21.423	ug/l	99
43) Isopropyl Acetate	6.348	43	64863	21.044	ug/l	93
44) Trichloroethene	7.129	130	22654	19.275	ug/l	87
45) 1,2-Dichloropropane	7.440	63	25680	21.284	ug/l	92
46) Dibromomethane	7.586	93	16916	20.666	ug/l #	84
47) Bromodichloromethane	7.830	83	31099	18.986	ug/l	96
48) Methyl methacrylate	7.696	41	29714	20.919	ug/l	92
49) 1,4-Dioxane	7.659	88	11995	433.718	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	200879	108.801	ug/l	92
52) Toluene	8.720	92	61376	20.491	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	35855	18.963	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	39784	19.572	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	24659	20.279	ug/l	96
56) Ethyl methacrylate	9.122	69	39698	20.200	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	44043	21.215	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	103457	97.337	ug/l	96
59) 2-Hexanone	9.433	43	151187	108.876	ug/l	91
60) Dibromochloromethane	9.525	129	20949	17.709	ug/l	98
61) 1,2-Dibromoethane	9.616	107	25801	21.311	ug/l	98
64) Tetrachloroethene	9.275	164	19161	19.469	ug/l	88
65) Chlorobenzene	10.079	112	64313	20.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	20885	19.261	ug/l	99
67) Ethyl Benzene	10.195	91	118497	20.642	ug/l	99
68) m/p-Xylenes	10.305	106	87146	40.168	ug/l	94
69) o-Xylene	10.646	106	43211	20.479	ug/l	100
70) Styrene	10.659	104	71427	20.663	ug/l	98
71) Bromoform	10.805	173	11930	15.363	ug/l #	98
73) Isopropylbenzene	10.963	105	111668	19.704	ug/l	99
74) N-amyl acetate	10.848	43	57051	21.208	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	39711	21.140	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	33892m	20.516	ug/l	
77) Bromobenzene	11.201	156	24012	19.982	ug/l	88
78) n-propylbenzene	11.305	91	131948	19.877	ug/l	98
79) 2-Chlorotoluene	11.366	91	79637	19.779	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	95547	20.342	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	11556	16.575	ug/l	90
82) 4-Chlorotoluene	11.457	91	91811	19.793	ug/l	97
83) tert-Butylbenzene	11.719	119	88776	19.707	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	94853	20.062	ug/l	100
85) sec-Butylbenzene	11.896	105	114652	20.028	ug/l	97
86) p-Isopropyltoluene	12.012	119	95689	19.791	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	44397	19.162	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	45111	18.837	ug/l	95
89) n-Butylbenzene	12.335	91	88855	19.867	ug/l	97
90) Hexachloroethane	12.542	117	13129	16.430	ug/l	75
91) 1,2-Dichlorobenzene	12.341	146	43578	19.582	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7544	18.768	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	26545	19.768	ug/l	96
94) Hexachlorobutadiene	13.731	225	9579	18.276	ug/l	98
95) Naphthalene	13.780	128	104914	20.033	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26168	19.332	ug/l	97

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

