

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022481.D
 Acq On : 06 Jun 2021 16:35
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:54:12 PM

Quant Time: Jun 07 04:25:08 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	5.562	168	70776	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	150752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	135086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59602	54.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.180%
35) Dibromofluoromethane	5.397	113	44597	46.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.653	98	167768	45.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.120%#
62) 4-Bromofluorobenzene	11.085	95	63344	46.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	17000	19.757	ug/l	97
3) Chloromethane	1.294	50	20448	22.032	ug/l	100
4) Vinyl Chloride	1.373	62	20216	20.584	ug/l	100
5) Bromomethane	1.599	94	11068	19.331	ug/l	94
6) Chloroethane	1.684	64	12404	21.212	ug/l	97
7) Trichlorofluoromethane	1.886	101	29063	20.582	ug/l	99
8) Diethyl Ether	2.142	74	12344	20.327	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	16866	20.115	ug/l	89
10) Methyl Iodide	2.453	142	19548	21.693	ug/l	96
11) Tert butyl alcohol	2.971	59	27858	111.562	ug/l	100
12) 1,1-Dichloroethene	2.318	96	17621	21.723	ug/l	93
13) Acrolein	2.245	56	10556	63.738	ug/l	96
14) Allyl chloride	2.666	41	29998	20.135	ug/l	96
15) Acrylonitrile	3.068	53	58714	119.433	ug/l	99
16) Acetone	2.386	43	56320	118.472	ug/l	96
17) Carbon Disulfide	2.514	76	40157	18.901	ug/l	96
18) Methyl Acetate	2.709	43	30124	23.827	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	61284	22.055	ug/l	94
20) Methylene Chloride	2.794	84	21763	20.618	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	18944	21.471	ug/l	93
22) Diisopropyl ether	3.769	45	64366	22.431	ug/l	90
23) Vinyl Acetate	3.727	43	308340	111.601	ug/l	95
24) 1,1-Dichloroethane	3.617	63	37514	22.277	ug/l	98
25) 2-Butanone	4.568	43	92724	120.564	ug/l	96
26) 2,2-Dichloropropane	4.477	77	12251	8.195	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	23044	21.476	ug/l	97
28) Bromochloromethane	4.909	49	16603	20.324	ug/l	# 80
29) Tetrahydrofuran	5.019	42	54658	119.406	ug/l	90
30) Chloroform	5.098	83	37219	21.391	ug/l	99
31) Cyclohexane	5.483	56	30560	22.275	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	31562	21.228	ug/l	97
36) 1,1-Dichloropropene	5.696	75	27253	19.550	ug/l	98
37) Ethyl Acetate	4.720	43	34351	20.102	ug/l	95
38) Carbon Tetrachloride	5.684	117	24475	17.948	ug/l	95
39) Methylcyclohexane	7.385	83	29427	18.613	ug/l	98
40) Benzene	6.043	78	85987	20.048	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19388	21.208	ug/l	92
42) 1,2-Dichloroethane	6.098	62	30708	20.436	ug/l	98
43) Isopropyl Acetate	6.348	43	57633	20.619	ug/l #	93
44) Trichloroethene	7.135	130	20293	19.040	ug/l	100
45) 1,2-Dichloropropane	7.433	63	22691	20.739	ug/l	95
46) Dibromomethane	7.586	93	14817	19.961	ug/l #	84
47) Bromodichloromethane	7.830	83	27063	18.220	ug/l #	96
48) Methyl methacrylate	7.702	41	25408	19.725	ug/l	92
49) 1,4-Dioxane	7.665	88	11316	451.203	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	183897	109.836	ug/l	92
52) Toluene	8.726	92	53321	19.630	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	26771	15.614	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	29580	16.047	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	22046	19.993	ug/l	96
56) Ethyl methacrylate	9.122	69	35658	20.009	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	38008	20.189	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	83575	86.709	ug/l	95
59) 2-Hexanone	9.433	43	140539	111.606	ug/l	89
60) Dibromochloromethane	9.524	129	17625	16.430	ug/l	98
61) 1,2-Dibromoethane	9.616	107	22380	20.385	ug/l	94
64) Tetrachloroethene	9.281	164	17421	19.643	ug/l	94
65) Chlorobenzene	10.085	112	55939	19.892	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	17926	18.345	ug/l	97
67) Ethyl Benzene	10.195	91	101402	19.602	ug/l	100
68) m/p-Xylenes	10.305	106	74066	37.884	ug/l	96
69) o-Xylene	10.646	106	36728	19.316	ug/l	99
70) Styrene	10.658	104	61459	19.730	ug/l	98
71) Bromoform	10.805	173	9591	13.858	ug/l #	95
73) Isopropylbenzene	10.963	105	96150	19.350	ug/l	97
74) N-amyl acetate	10.847	43	49798	21.114	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	33302	20.221	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	29829m	20.595	ug/l	
77) Bromobenzene	11.201	156	19686	18.685	ug/l	83
78) n-propylbenzene	11.305	91	111085	19.087	ug/l	98
79) 2-Chlorotoluene	11.366	91	68033	19.273	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	78788	19.132	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	7275	11.901	ug/l	88
82) 4-Chlorotoluene	11.457	91	77770	19.123	ug/l	96
83) tert-Butylbenzene	11.719	119	73290	18.556	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	79610	19.205	ug/l	100
85) sec-Butylbenzene	11.896	105	92779	18.485	ug/l	100
86) p-Isopropyltoluene	12.012	119	77472	18.275	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	39162	19.279	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	38124	18.157	ug/l	94
89) n-Butylbenzene	12.335	91	71060	18.122	ug/l	97
90) Hexachloroethane	12.542	117	10735	15.323	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	36967	18.946	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6424	18.228	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	21608	18.353	ug/l	96
94) Hexachlorobutadiene	13.725	225	7934	17.265	ug/l	98
95) Naphthalene	13.780	128	91103	19.842	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	21805	18.373	ug/l	97

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

