

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023335.D
 Acq On : 19 Jul 2021 11:51
 Operator : JC/MD
 Sample : VX0719WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:08 PM

Quant Time: Jul 20 05:23:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	259490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	403739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	175359	50.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.560%
35) Dibromofluoromethane	5.391	113	129821	49.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.580%
50) Toluene-d8	8.653	98	459543	47.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.085	95	186305	49.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	40025	17.023	ug/l	99
3) Chloromethane	1.295	50	34005	14.618	ug/l	97
4) Vinyl Chloride	1.374	62	37398	15.176	ug/l	100
5) Bromomethane	1.599	94	18961	10.957	ug/l	97
6) Chloroethane	1.685	64	20611	12.791	ug/l	96
7) Trichlorofluoromethane	1.886	101	54291	12.677	ug/l	99
8) Diethyl Ether	2.136	74	20118	12.728	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	46517	18.561	ug/l	98
10) Methyl Iodide	2.453	142	48917	15.895	ug/l	92
11) Tert butyl alcohol	2.977	59	71790	97.848	ug/l	96
12) 1,1-Dichloroethene	2.319	96	38957	16.842	ug/l	91
13) Acrolein	2.239	56	20244	41.436	ug/l	97
14) Allyl chloride	2.666	41	73375	18.255	ug/l	92
15) Acrylonitrile	3.069	53	142013	99.545	ug/l	98
16) Acetone	2.386	43	132582	96.089	ug/l	89
17) Carbon Disulfide	2.514	76	73705	15.108	ug/l	100
18) Methyl Acetate	2.709	43	69265	20.680	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	169578	19.602	ug/l	97
20) Methylene Chloride	2.794	84	49590	16.693	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	42108	16.856	ug/l	94
22) Diisopropyl ether	3.770	45	153520	18.116	ug/l	98
23) Vinyl Acetate	3.727	43	674132	93.994	ug/l	96
24) 1,1-Dichloroethane	3.611	63	85839	17.928	ug/l	97
25) 2-Butanone	4.568	43	206263	99.135	ug/l	95
26) 2,2-Dichloropropane	4.483	77	77603	19.311	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	54025	17.854	ug/l	96
28) Bromochloromethane	4.904	49	43846	19.302	ug/l	99
29) Tetrahydrofuran	5.019	42	128081	95.764	ug/l	94
30) Chloroform	5.099	83	95261	18.418	ug/l	98
31) Cyclohexane	5.471	56	64866	15.534	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	85932	19.077	ug/l	99
36) 1,1-Dichloropropene	5.696	75	62344	17.321	ug/l	100
37) Ethyl Acetate	4.727	43	77995	19.865	ug/l	96
38) Carbon Tetrachloride	5.684	117	73821	19.649	ug/l	96
39) Methylcyclohexane	7.385	83	72158	17.141	ug/l	96
40) Benzene	6.044	78	182470	17.462	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42464	19.346	ug/l	93
42) 1,2-Dichloroethane	6.092	62	81996	19.527	ug/l	95
43) Isopropyl Acetate	6.348	43	126333	19.344	ug/l	95
44) Trichloroethene	7.129	130	52873	17.836	ug/l	93
45) 1,2-Dichloropropane	7.434	63	49412	18.114	ug/l	98
46) Dibromomethane	7.586	93	37433	19.214	ug/l	97
47) Bromodichloromethane	7.824	83	70259	19.753	ug/l	96
48) Methyl methacrylate	7.696	41	60405	18.849	ug/l	90
49) 1,4-Dioxane	7.665	88	27638	383.207	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	407196	100.619	ug/l	92
52) Toluene	8.720	92	119644	17.691	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	76758	18.872	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81253	18.774	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	54248	19.102	ug/l	98
56) Ethyl methacrylate	9.116	69	82326	18.760	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	87841	18.714	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	223700	96.596	ug/l	99
59) 2-Hexanone	9.433	43	315022	101.454	ug/l	88
60) Dibromochloromethane	9.525	129	55321	19.472	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56531	19.395	ug/l	99
64) Tetrachloroethene	9.275	164	53643	18.248	ug/l #	93
65) Chlorobenzene	10.080	112	135910	18.655	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	54045	20.516	ug/l	100
67) Ethyl Benzene	10.195	91	236495	18.362	ug/l	99
68) m/p-Xylenes	10.305	106	181508	36.913	ug/l	97
69) o-Xylene	10.647	106	90151	18.192	ug/l	98
70) Styrene	10.659	104	151254	18.685	ug/l	97
71) Bromoform	10.805	173	39203	20.144	ug/l #	100
73) Isopropylbenzene	10.964	105	241058	18.556	ug/l	99
74) N-amyl acetate	10.848	43	103498	18.775	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	80623	19.534	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	79301m	21.370	ug/l	
77) Bromobenzene	11.201	156	61422	18.937	ug/l	96
78) n-propylbenzene	11.305	91	275143	18.316	ug/l	98
79) 2-Chlorotoluene	11.366	91	171303	18.451	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	210591	18.827	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24538	21.473	ug/l	91
82) 4-Chlorotoluene	11.457	91	198555	18.938	ug/l	98
83) tert-Butylbenzene	11.719	119	206452	19.446	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	211213	19.108	ug/l	99
85) sec-Butylbenzene	11.896	105	261033	19.108	ug/l	100
86) p-Isopropyltoluene	12.012	119	217719	18.999	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	113318	18.605	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	115061	18.762	ug/l	97
89) n-Butylbenzene	12.335	91	182556	18.186	ug/l	99
90) Hexachloroethane	12.543	117	34355	19.471	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	115277	19.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19777	21.099	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	72058	19.307	ug/l	97
94) Hexachlorobutadiene	13.731	225	32852	20.789	ug/l	99
95) Naphthalene	13.780	128	251640	19.088	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	74966	19.971	ug/l	98

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

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