

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071921\
 Data File : VX023334.D
 Acq On : 19 Jul 2021 11:15
 Operator : JC/MD
 Sample : VX0719WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0719WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2021 5:39:07 PM

Quant Time: Jul 20 05:22:43 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	273349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	426884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	179434	48.841	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.680%
35) Dibromofluoromethane	5.391	113	134709	48.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.740%
50) Toluene-d8	8.653	98	485831	47.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.085	95	189407	47.712	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	42772	17.269	ug/l	100
3) Chloromethane	1.294	50	36394	14.852	ug/l	99
4) Vinyl Chloride	1.374	62	40755	15.700	ug/l	100
5) Bromomethane	1.599	94	22954	13.457	ug/l	99
6) Chloroethane	1.685	64	22490	13.249	ug/l	97
7) Trichlorofluoromethane	1.886	101	62406	13.833	ug/l	98
8) Diethyl Ether	2.136	74	22443	13.479	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	47432	17.966	ug/l	95
10) Methyl Iodide	2.453	142	48975	15.107	ug/l	91
11) Tert butyl alcohol	2.977	59	70176	90.799	ug/l	98
12) 1,1-Dichloroethene	2.319	96	41796	17.153	ug/l	93
13) Acrolein	2.239	56	22180	43.097	ug/l	100
14) Allyl chloride	2.666	41	75504	17.832	ug/l	91
15) Acrylonitrile	3.069	53	139083	92.548	ug/l	98
16) Acetone	2.386	43	131517	90.485	ug/l #	87
17) Carbon Disulfide	2.514	76	78970	15.367	ug/l	97
18) Methyl Acetate	2.715	43	67458	19.120	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	172480	18.927	ug/l	97
20) Methylene Chloride	2.794	84	50658	16.188	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	45046	17.117	ug/l	95
22) Diisopropyl ether	3.770	45	157925	17.691	ug/l	96
23) Vinyl Acetate	3.733	43	678925	89.863	ug/l	95
24) 1,1-Dichloroethane	3.617	63	89766	17.798	ug/l	98
25) 2-Butanone	4.568	43	203137	92.683	ug/l	96
26) 2,2-Dichloropropane	4.483	77	84815	20.035	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	55695	17.473	ug/l	96
28) Bromochloromethane	4.904	49	44822	18.731	ug/l	98
29) Tetrahydrofuran	5.013	42	127260	90.326	ug/l	93
30) Chloroform	5.099	83	99482	18.259	ug/l	96
31) Cyclohexane	5.477	56	68487	15.570	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	90106	18.989	ug/l	100
36) 1,1-Dichloropropene	5.696	75	65112	17.109	ug/l	99
37) Ethyl Acetate	4.727	43	75776	18.253	ug/l	97
38) Carbon Tetrachloride	5.684	117	77582	19.531	ug/l	99
39) Methylcyclohexane	7.385	83	75379	16.936	ug/l	96
40) Benzene	6.044	78	191433	17.326	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	42634	18.370	ug/l	92
42) 1,2-Dichloroethane	6.092	62	82362	18.551	ug/l	94
43) Isopropyl Acetate	6.348	43	127281	18.433	ug/l	95
44) Trichloroethene	7.129	130	55094	17.578	ug/l	100
45) 1,2-Dichloropropane	7.434	63	51026	17.691	ug/l	99
46) Dibromomethane	7.586	93	37154	18.037	ug/l	98
47) Bromodichloromethane	7.830	83	72164	19.188	ug/l	100
48) Methyl methacrylate	7.696	41	61103	18.033	ug/l	88
49) 1,4-Dioxane	7.665	88	27568	361.512	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	404128	94.446	ug/l	91
52) Toluene	8.720	92	125240	17.515	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	77169	18.079	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	81948	18.008	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	54461	18.137	ug/l	96
56) Ethyl methacrylate	9.122	69	82567	17.795	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	88325	17.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	225608	92.354	ug/l	99
59) 2-Hexanone	9.433	43	310426	94.553	ug/l	89
60) Dibromochloromethane	9.525	129	56005	18.776	ug/l	99
61) 1,2-Dibromoethane	9.616	107	57771	18.746	ug/l	99
64) Tetrachloroethene	9.275	164	58271	19.008	ug/l	94
65) Chlorobenzene	10.079	112	141550	18.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	54802	19.949	ug/l	100
67) Ethyl Benzene	10.195	91	249717	18.592	ug/l	100
68) m/p-Xylenes	10.305	106	190407	37.131	ug/l	98
69) o-Xylene	10.646	106	95858	18.548	ug/l	100
70) Styrene	10.659	104	156332	18.519	ug/l	96
71) Bromoform	10.805	173	39540	19.615	ug/l #	99
73) Isopropylbenzene	10.963	105	254393	18.687	ug/l	100
74) N-amyl acetate	10.848	43	104123	18.025	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	80788	18.679	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	78742m	20.249	ug/l	
77) Bromobenzene	11.201	156	62415	18.363	ug/l	97
78) n-propylbenzene	11.305	91	288552	18.331	ug/l	98
79) 2-Chlorotoluene	11.366	91	179969	18.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	218639	18.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	25013	21.018	ug/l	91
82) 4-Chlorotoluene	11.457	91	206363	18.783	ug/l	98
83) tert-Butylbenzene	11.719	119	212934	19.139	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	216610	18.700	ug/l	99
85) sec-Butylbenzene	11.896	105	272312	19.022	ug/l	100
86) p-Isopropyltoluene	12.012	119	225148	18.749	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	117114	18.349	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	118840	18.492	ug/l	97
89) n-Butylbenzene	12.335	91	193331	18.379	ug/l	97
90) Hexachloroethane	12.542	117	35935	19.441	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	118641	18.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19688	20.172	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	73254	18.730	ug/l	98
94) Hexachlorobutadiene	13.725	225	34484	20.824	ug/l	98
95) Naphthalene	13.780	128	252921	18.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76475	19.442	ug/l	98

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

