

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023780.D
 Acq On : 17 Aug 2021 22:46
 Operator : JC/MD
 Sample : VX0817WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:23 PM

Quant Time: Aug 18 06:14:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	202176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	307636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138209	48.980	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.960%		
35) Dibromofluoromethane	5.397	113	104862	48.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	8.653	98	401265	48.506	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.020%		
62) 4-Bromofluorobenzene	11.085	95	145009	47.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	42783	20.057	ug/l	97
3) Chloromethane	1.300	50	46194	19.727	ug/l	97
4) Vinyl Chloride	1.374	62	45114	19.754	ug/l	98
5) Bromomethane	1.599	94	33767	23.517	ug/l	98
6) Chloroethane	1.685	64	27920	16.755	ug/l	96
7) Trichlorofluoromethane	1.886	101	71452	19.812	ug/l	94
8) Diethyl Ether	2.142	74	24970	19.826	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	40432	19.923	ug/l	96
10) Methyl Iodide	2.459	142	52575	18.606	ug/l	94
11) Tert butyl alcohol	2.977	59	58538	102.582	ug/l	98
12) 1,1-Dichloroethene	2.319	96	38664	19.927	ug/l	93
13) Acrolein	2.245	56	29794	87.737	ug/l	98
14) Allyl chloride	2.666	41	67974	19.010	ug/l	91
15) Acrylonitrile	3.075	53	128097	100.749	ug/l	98
16) Acetone	2.392	43	120594	95.582	ug/l	91
17) Carbon Disulfide	2.514	76	88595	19.145	ug/l	98
18) Methyl Acetate	2.715	43	63377	20.122	ug/l	93
19) Methyl tert-butyl Ether	3.129	73	134399	19.902	ug/l	98
20) Methylene Chloride	2.794	84	46085	19.123	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	41085	19.824	ug/l	93
22) Diisopropyl ether	3.776	45	139609	19.603	ug/l	93
23) Vinyl Acetate	3.733	43	569639	98.876	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	79093	19.955	ug/l	98
25) 2-Butanone	4.574	43	190466	99.669	ug/l	95
26) 2,2-Dichloropropane	4.489	77	50459	15.511	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	47895	19.422	ug/l	98
28) Bromochloromethane	4.910	49	31270	17.351	ug/l	92
29) Tetrahydrofuran	5.019	42	124973	100.963	ug/l	88
30) Chloroform	5.105	83	80597	19.205	ug/l	96
31) Cyclohexane	5.483	56	71373	19.688	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	69559	19.356	ug/l	96
36) 1,1-Dichloropropene	5.702	75	58896	19.367	ug/l	98
37) Ethyl Acetate	4.727	43	72131	19.296	ug/l	94
38) Carbon Tetrachloride	5.684	117	60225	18.992	ug/l	98
39) Methylcyclohexane	7.391	83	71046	19.187	ug/l	100
40) Benzene	6.050	78	174733	19.431	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	38399	18.949	ug/l	91
42) 1,2-Dichloroethane	6.098	62	69114	19.556	ug/l	94
43) Isopropyl Acetate	6.354	43	111073	18.996	ug/l	92
44) Trichloroethene	7.135	130	46563	18.745	ug/l	99
45) 1,2-Dichloropropane	7.433	63	44811	18.766	ug/l	94
46) Dibromomethane	7.586	93	32605	19.621	ug/l	96
47) Bromodichloromethane	7.830	83	56682	18.855	ug/l	98
48) Methyl methacrylate	7.702	41	55712	19.532	ug/l	84
49) 1,4-Dioxane	7.665	88	24135	400.352	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	380520	100.674	ug/l	89
52) Toluene	8.720	92	112034	19.227	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61304	17.250	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	67788	18.610	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	47210	19.680	ug/l	98
56) Ethyl methacrylate	9.122	69	70396	17.672	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	77758	19.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	165253	85.547	ug/l	96
59) 2-Hexanone	9.433	43	299760	103.174	ug/l	87
60) Dibromochloromethane	9.525	129	42702	17.261	ug/l	97
61) 1,2-Dibromoethane	9.616	107	50071	19.757	ug/l	98
64) Tetrachloroethene	9.275	164	48463	19.724	ug/l	93
65) Chlorobenzene	10.085	112	121583	18.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43569	19.069	ug/l	98
67) Ethyl Benzene	10.195	91	213557	19.050	ug/l	99
68) m/p-Xylenes	10.305	106	164053	38.421	ug/l	100
69) o-Xylene	10.646	106	80415	19.165	ug/l	100
70) Styrene	10.659	104	130367	19.071	ug/l	96
71) Bromoform	10.805	173	30659	17.807	ug/l #	99
73) Isopropylbenzene	10.963	105	212488	19.760	ug/l	99
74) N-amyl acetate	10.848	43	97564	20.077	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	71346	20.245	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	66961m	20.361	ug/l	
77) Bromobenzene	11.201	156	53165	20.074	ug/l	93
78) n-propylbenzene	11.305	91	240905	19.587	ug/l	100
79) 2-Chlorotoluene	11.366	91	147049	19.781	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	175356	19.844	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	19527	17.466	ug/l	86
82) 4-Chlorotoluene	11.457	91	164114	19.450	ug/l	100
83) tert-Butylbenzene	11.719	119	167288	19.492	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	176409	20.021	ug/l	99
85) sec-Butylbenzene	11.896	105	216613	19.935	ug/l	99
86) p-Isopropyltoluene	12.012	119	177324	19.828	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	93628	19.539	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	92608	19.378	ug/l	97
89) n-Butylbenzene	12.335	91	153557	19.231	ug/l	97
90) Hexachloroethane	12.542	117	26853	18.187	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	91210	19.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13656	17.974	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	52095	18.646	ug/l	99
94) Hexachlorobutadiene	13.731	225	24491	19.667	ug/l	98
95) Naphthalene	13.780	128	181462	18.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55286	19.869	ug/l	98

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

