

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082321\
 Data File : VX023915.D
 Acq On : 23 Aug 2021 21:58
 Operator : JC/MD
 Sample : M3520-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-400-402MS

Manual Integrations
 APPROVED

MMDadoda
 8/24/2021 11:44:06 AM

Quant Time: Aug 24 07:17:25 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	200529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	324289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150381	53.731	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.460%	
35) Dibromofluoromethane	5.397	113	114641	53.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.820%	
50) Toluene-d8	8.653	98	424649	51.981	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	11.085	95	160291	53.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	97066	45.879	ug/l	97
3) Chloromethane	1.294	50	108869	46.875	ug/l	99
4) Vinyl Chloride	1.374	62	103816	45.831	ug/l	97
5) Bromomethane	1.599	94	69251	48.625	ug/l	98
6) Chloroethane	1.678	64	68398	40.781	ug/l	100
7) Trichlorofluoromethane	1.886	101	169313	47.332	ug/l	98
8) Diethyl Ether	2.142	74	60810	48.679	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	95306	47.349	ug/l	97
10) Methyl Iodide	2.453	142	135299	48.275	ug/l	94
11) Tert butyl alcohol	2.983	59	148525	262.414	ug/l	99
12) 1,1-Dichloroethene	2.319	96	92373	47.999	ug/l	92
13) Acrolein	2.245	56	88402	262.464	ug/l	100
14) Allyl chloride	2.666	41	172499	48.638	ug/l	91
15) Acrylonitrile	3.075	53	320375	254.045	ug/l	97
16) Acetone	2.392	43	301298	240.769	ug/l	92
17) Carbon Disulfide	2.514	76	226360	49.316	ug/l	100
18) Methyl Acetate	2.715	43	147248	47.135	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	340656	50.860	ug/l	98
20) Methylene Chloride	2.794	84	109219	45.692	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	99789	48.545	ug/l	94
22) Diisopropyl ether	3.776	45	353373	50.026	ug/l	95
23) Vinyl Acetate	3.733	43	1374783	240.591	ug/l	94
24) 1,1-Dichloroethane	3.617	63	195977	49.851	ug/l	98
25) 2-Butanone	4.574	43	483353	255.011	ug/l	92
26) 2,2-Dichloropropane	4.483	77	139023	43.087	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	118911	48.615	ug/l	96
28) Bromochloromethane	4.903	49	95798	53.594	ug/l	93
29) Tetrahydrofuran	5.019	42	311156	253.441	ug/l	88
30) Chloroform	5.105	83	204156	49.046	ug/l	96
31) Cyclohexane	5.476	56	166751	46.375	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	181211	50.840	ug/l	98
36) 1,1-Dichloropropene	5.702	75	147338	49.061	ug/l	98
37) Ethyl Acetate	4.727	43	170439	46.170	ug/l	# 94
38) Carbon Tetrachloride	5.690	117	159328	50.877	ug/l	97
39) Methylcyclohexane	7.391	83	167462	45.797	ug/l	98
40) Benzene	6.050	78	429706	48.389	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	101631	50.785	ug/l	91
42) 1,2-Dichloroethane	6.098	62	178390	51.113	ug/l	94
43) Isopropyl Acetate	6.354	43	280556	48.587	ug/l	92
44) Trichloroethene	7.135	130	115984	47.281	ug/l	98
45) 1,2-Dichloropropane	7.440	63	113123	47.973	ug/l	98
46) Dibromomethane	7.586	93	83590	50.939	ug/l	96
47) Bromodichloromethane	7.830	83	156576	52.743	ug/l	100
48) Methyl methacrylate	7.696	41	145703	51.726	ug/l	85
49) 1,4-Dioxane	7.665	88	61487	1032.827	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	986864	264.392	ug/l	89
52) Toluene	8.726	92	280734	48.787	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	171523	44.956	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	177050	49.220	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	119438	50.416	ug/l	98
56) Ethyl methacrylate	9.122	69	190110	47.011	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	198266	50.459	ug/l	99
59) 2-Hexanone	9.433	43	769221	268.101	ug/l	86
60) Dibromochloromethane	9.525	129	124276	47.583	ug/l	98
61) 1,2-Dibromoethane	9.616	107	126249	50.445	ug/l	99
64) Tetrachloroethene	9.281	164	111718	45.875	ug/l	96
65) Chlorobenzene	10.085	112	311387	48.941	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	118350	52.263	ug/l	99
67) Ethyl Benzene	10.195	91	552763	49.751	ug/l	99
68) m/p-Xylenes	10.305	106	424288	100.259	ug/l	99
69) o-Xylene	10.646	106	206899	49.751	ug/l	99
70) Styrene	10.659	104	329404	48.620	ug/l	96
71) Bromoform	10.805	173	91559	49.767	ug/l #	99
73) Isopropylbenzene	10.963	105	552332	49.738	ug/l	100
74) N-amyl acetate	10.848	43	240448	47.913	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	178334	49.002	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	168760m	49.691	ug/l	
77) Bromobenzene	11.201	156	133936	48.969	ug/l	98
78) n-propylbenzene	11.311	91	630212	49.618	ug/l	100
79) 2-Chlorotoluene	11.366	91	383146	49.910	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	456235	49.994	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	57822	50.081	ug/l	90
82) 4-Chlorotoluene	11.457	91	435880	50.022	ug/l	99
83) tert-Butylbenzene	11.719	119	452023	51.000	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	458907	50.434	ug/l	99
85) sec-Butylbenzene	11.896	105	563273	50.197	ug/l	99
86) p-Isopropyltoluene	12.012	119	468193	50.696	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	242517	49.009	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	237387	48.099	ug/l	99
89) n-Butylbenzene	12.335	91	391423	47.468	ug/l	98
90) Hexachloroethane	12.542	117	78448	48.767	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	231905	48.374	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41424	48.608	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	130997	45.402	ug/l	99
94) Hexachlorobutadiene	13.731	225	56669	44.066	ug/l	99
95) Naphthalene	13.780	128	487457	45.883	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136606	47.540	ug/l	98

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

