

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024086.D
 Acq On : 02 Sep 2021 21:54
 Operator : JC/MD
 Sample : M3620-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-660-662MS

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:37:15 PM

Quant Time: Sep 03 05:42:22 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	138355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103766	53.737	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.480%			
35) Dibromofluoromethane	5.397	113	77736	52.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.300%			
50) Toluene-d8	8.653	98	280644	49.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.085	95	113037	54.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	68536	46.951	ug/l	99
3) Chloromethane	1.295	50	75238	46.952	ug/l	99
4) Vinyl Chloride	1.374	62	75000	47.989	ug/l	100
5) Bromomethane	1.599	94	47519	48.360	ug/l	98
6) Chloroethane	1.679	64	49680	43.108	ug/l	100
7) Trichlorofluoromethane	1.880	101	131410	53.245	ug/l	95
8) Diethyl Ether	2.142	74	46328	53.752	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	85259	61.392	ug/l	97
10) Methyl Iodide	2.453	142	104476	54.029	ug/l	91
11) Tert butyl alcohol	2.983	59	113993	291.909	ug/l	97
12) 1,1-Dichloroethene	2.319	96	83397	62.809	ug/l	96
13) Acrolein	2.246	56	70627	303.921	ug/l	97
14) Allyl chloride	2.666	41	127464	52.090	ug/l	89
15) Acrylonitrile	3.075	53	234519	269.533	ug/l	97
16) Acetone	2.392	43	230320	266.759	ug/l	89
17) Carbon Disulfide	2.514	76	163174	51.526	ug/l	99
18) Methyl Acetate	2.715	43	108382	50.284	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	268866	58.180	ug/l	99
20) Methylene Chloride	2.794	84	84544	51.263	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	77044	54.323	ug/l	95
22) Diisopropyl ether	3.776	45	266540	54.690	ug/l	93
23) Vinyl Acetate	3.733	43	1014820	257.405	ug/l	94
24) 1,1-Dichloroethane	3.617	63	151662	55.915	ug/l	98
25) 2-Butanone	4.568	43	357127	273.086	ug/l	93
26) 2,2-Dichloropropane	4.489	77	104660	47.014	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	96644	57.267	ug/l	99
28) Bromochloromethane	4.910	49	63009	51.091	ug/l	97
29) Tetrahydrofuran	5.026	42	229641	271.101	ug/l	90
30) Chloroform	5.105	83	168791	58.772	ug/l	100
31) Cyclohexane	5.477	56	122304	49.299	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	147421	59.947	ug/l	97
36) 1,1-Dichloropropene	5.702	75	112445	54.428	ug/l	100
37) Ethyl Acetate	4.727	43	126086	49.650	ug/l #	93
38) Carbon Tetrachloride	5.684	117	136083	63.168	ug/l	98
39) Methylcyclohexane	7.385	83	125163	49.757	ug/l	97
40) Benzene	6.050	78	329305	53.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	75551	54.879	ug/l	90
42) 1,2-Dichloroethane	6.099	62	141452	58.915	ug/l	94
43) Isopropyl Acetate	6.355	43	210028	52.874	ug/l	92
44) Trichloroethene	7.135	130	495689	293.735	ug/l	99
45) 1,2-Dichloropropane	7.440	63	86515	53.333	ug/l	100
46) Dibromomethane	7.586	93	63770	56.490	ug/l	98
47) Bromodichloromethane	7.830	83	121722	59.603	ug/l	96
48) Methyl methacrylate	7.696	41	109293	56.401	ug/l	85
49) 1,4-Dioxane	7.665	88	47780	1166.676	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	743590	289.590	ug/l	90
52) Toluene	8.726	92	218954	55.312	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	131845	49.983	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	135216	54.642	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	94904	58.234	ug/l	98
56) Ethyl methacrylate	9.122	69	145315	52.151	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	151160	55.923	ug/l	99
59) 2-Hexanone	9.433	43	596063	301.995	ug/l	87
60) Dibromochloromethane	9.525	129	97122	53.826	ug/l	98
61) 1,2-Dibromoethane	9.616	107	99729	57.926	ug/l	99
64) Tetrachloroethene	9.275	164	90233	52.632	ug/l	92
65) Chlorobenzene	10.086	112	245718	54.858	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92021	57.723	ug/l	98
67) Ethyl Benzene	10.195	91	436860	55.852	ug/l	99
68) m/p-Xylenes	10.305	106	337193	113.181	ug/l	97
69) o-Xylene	10.646	106	169575	57.921	ug/l	99
70) Styrene	10.659	104	268559	56.306	ug/l	97
71) Bromoform	10.805	173	72289	55.580	ug/l #	99
73) Isopropylbenzene	10.964	105	443573	54.097	ug/l	100
74) N-amyl acetate	10.848	43	184469	49.782	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	145196	54.032	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	136279m	54.344	ug/l	
77) Bromobenzene	11.201	156	111762	55.340	ug/l	96
78) n-propylbenzene	11.311	91	507853	54.152	ug/l	99
79) 2-Chlorotoluene	11.366	91	315195	55.606	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	375622	55.744	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	43471	50.992	ug/l	88
82) 4-Chlorotoluene	11.457	91	359914	55.939	ug/l	100
83) tert-Butylbenzene	11.719	119	369704	56.492	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	371099	55.234	ug/l	100
85) sec-Butylbenzene	11.896	105	456941	55.149	ug/l	100
86) p-Isopropyltoluene	12.012	119	382594	56.106	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	199480	54.595	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	196671	53.969	ug/l	98
89) n-Butylbenzene	12.335	91	317140	52.087	ug/l	98
90) Hexachloroethane	12.542	117	63459	53.287	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	190411	53.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32771	51.925	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	109388	51.346	ug/l	99
94) Hexachlorobutadiene	13.725	225	47476	49.998	ug/l	99
95) Naphthalene	13.780	128	389684	49.571	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	111658	52.625	ug/l	98

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

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