

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023462.D
 Acq On : 26 Jul 2021 19:33
 Operator : JC/MD
 Sample : M3146-19MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-15DMS

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:57:00 PM

Quant Time: Jul 27 03:29:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	195863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127787	52.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.600%			
35) Dibromofluoromethane	5.397	113	101819	50.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	8.653	98	368969	49.786	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.085	95	127293	50.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90307	50.116	ug/l	97
3) Chloromethane	1.294	50	105089	50.064	ug/l	100
4) Vinyl Chloride	1.374	62	109402	51.488	ug/l	98
5) Bromomethane	1.599	94	66064	52.370	ug/l	100
6) Chloroethane	1.679	64	68936	52.863	ug/l	99
7) Trichlorofluoromethane	1.886	101	173727	50.748	ug/l	97
8) Diethyl Ether	2.142	74	64365	50.941	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	96213	49.608	ug/l	96
10) Methyl Iodide	2.453	142	127945	52.654	ug/l	97
11) Tert butyl alcohol	2.983	59	138965	248.982	ug/l	98
12) 1,1-Dichloroethene	2.319	96	98413	51.137	ug/l	99
13) Acrolein	2.239	56	76140	268.249	ug/l	99
14) Allyl chloride	2.666	41	171620	49.050	ug/l	94
15) Acrylonitrile	3.075	53	335368	266.093	ug/l	98
16) Acetone	2.392	43	294288	245.547	ug/l	93
17) Carbon Disulfide	2.514	76	226055	47.636	ug/l	99
18) Methyl Acetate	2.715	43	140317	49.250	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	346225	51.741	ug/l	99
20) Methylene Chloride	2.794	84	113234	48.572	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	103516	50.634	ug/l	96
22) Diisopropyl ether	3.770	45	365103	52.861	ug/l	95
23) Vinyl Acetate	3.733	43	1498383	245.755	ug/l	95
24) 1,1-Dichloroethane	3.617	63	198782	52.363	ug/l	100
25) 2-Butanone	4.568	43	484632	260.465	ug/l	94
26) 2,2-Dichloropropane	4.483	77	129608	41.744	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	124410	52.400	ug/l	99
28) Bromochloromethane	4.910	49	91423	51.602	ug/l	95
29) Tetrahydrofuran	5.019	42	322009	264.028	ug/l	89
30) Chloroform	5.105	83	208136	53.567	ug/l	98
31) Cyclohexane	5.477	56	173786	48.017	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	174395	52.517	ug/l	97
36) 1,1-Dichloropropene	5.702	75	147137	50.416	ug/l	99
37) Ethyl Acetate	4.727	43	171295	46.551	ug/l	95
38) Carbon Tetrachloride	5.684	117	152154	51.265	ug/l	99
39) Methylcyclohexane	7.385	83	175476	47.610	ug/l	98
40) Benzene	6.044	78	445245	51.455	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	102847	52.934	ug/l	92
42) 1,2-Dichloroethane	6.098	62	165984	51.879	ug/l	97
43) Isopropyl Acetate	6.348	43	275308	48.283	ug/l	94
44) Trichloroethene	7.135	130	119031	50.072	ug/l	93
45) 1,2-Dichloropropane	7.434	63	115911	50.621	ug/l	97
46) Dibromomethane	7.586	93	81710	52.610	ug/l	99
47) Bromodichloromethane	7.830	83	149969	53.595	ug/l	98
48) Methyl methacrylate	7.702	41	139936	52.991	ug/l	89
49) 1,4-Dioxane	7.665	88	57267	1018.418	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	942533	270.256	ug/l	91
52) Toluene	8.720	92	282707	52.735	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	163269	46.150	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	174362	49.986	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	118661	54.662	ug/l	99
56) Ethyl methacrylate	9.122	69	184609	53.053	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	195700	53.054	ug/l	99
59) 2-Hexanone	9.433	43	720147	271.921	ug/l	88
60) Dibromochloromethane	9.525	129	117951	49.062	ug/l	100
61) 1,2-Dibromoethane	9.616	107	125258	54.082	ug/l	98
64) Tetrachloroethene	9.275	164	193492	85.791	ug/l	96
65) Chlorobenzene	10.086	112	300777	51.856	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	112480	50.458	ug/l	99
67) Ethyl Benzene	10.195	91	534616	53.145	ug/l	98
68) m/p-Xylenes	10.305	106	403131	104.200	ug/l	98
69) o-Xylene	10.646	106	201455	52.521	ug/l	96
70) Styrene	10.659	104	328593	54.069	ug/l	100
71) Bromoform	10.805	173	79845	46.009	ug/l #	99
73) Isopropylbenzene	10.963	105	521375	52.233	ug/l	99
74) N-amyl acetate	10.848	43	220401	48.399	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	169988	52.280	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	155270m	53.340	ug/l	
77) Bromobenzene	11.201	156	126774	52.650	ug/l	94
78) n-propylbenzene	11.305	91	590536	52.274	ug/l	99
79) 2-Chlorotoluene	11.366	91	349990	51.847	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	423062	52.045	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	51575	47.641	ug/l	92
82) 4-Chlorotoluene	11.457	91	399164	52.268	ug/l	100
83) tert-Butylbenzene	11.719	119	419483	52.609	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	425256	52.593	ug/l	100
85) sec-Butylbenzene	11.896	105	529764	51.241	ug/l	100
86) p-Isopropyltoluene	12.012	119	433079	51.872	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	227730	51.122	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	223661	49.482	ug/l	99
89) n-Butylbenzene	12.335	91	373275	49.389	ug/l	98
90) Hexachloroethane	12.542	117	73621	49.265	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	221211	51.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36726	46.703	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	135160	49.875	ug/l	99
94) Hexachlorobutadiene	13.725	225	56365	46.347	ug/l	99
95) Naphthalene	13.780	128	497929	53.441	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	140251	51.251	ug/l	99

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

