

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023463.D
 Acq On : 26 Jul 2021 19:57
 Operator : JC/MD
 Sample : M3146-20MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-15DMSD

Manual Integrations
 APPROVED

MMDadoda
 7/27/2021 3:57:02 PM

Quant Time: Jul 27 03:30:01 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	200939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	289630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132596	52.900	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.800%			
35) Dibromofluoromethane	5.397	113	108984	52.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.420%			
50) Toluene-d8	8.653	98	384174	50.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.085	95	131022	50.720	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	95634	51.732	ug/l	100
3) Chloromethane	1.295	50	108408	50.341	ug/l	99
4) Vinyl Chloride	1.374	62	115581	53.022	ug/l	98
5) Bromomethane	1.599	94	69141	53.425	ug/l	99
6) Chloroethane	1.679	64	72799	54.415	ug/l	99
7) Trichlorofluoromethane	1.886	101	187293	53.329	ug/l	98
8) Diethyl Ether	2.142	74	70105	54.082	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	103052	51.792	ug/l	96
10) Methyl Iodide	2.453	142	138333	55.491	ug/l	96
11) Tert butyl alcohol	2.983	59	152384	266.128	ug/l	99
12) 1,1-Dichloroethene	2.319	96	103491	52.417	ug/l	98
13) Acrolein	2.246	56	81009	278.143	ug/l	99
14) Allyl chloride	2.666	41	185538	51.688	ug/l	94
15) Acrylonitrile	3.075	53	354924	274.496	ug/l	98
16) Acetone	2.392	43	318589	259.108	ug/l	93
17) Carbon Disulfide	2.514	76	243287	49.972	ug/l	99
18) Methyl Acetate	2.709	43	148157	50.688	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	370801	54.014	ug/l	98
20) Methylene Chloride	2.794	84	119004	49.757	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	112879	53.819	ug/l	97
22) Diisopropyl ether	3.776	45	384996	54.333	ug/l	92
23) Vinyl Acetate	3.733	43	1572376	251.376	ug/l	95
24) 1,1-Dichloroethane	3.617	63	212000	54.434	ug/l	98
25) 2-Butanone	4.568	43	519704	272.258	ug/l	93
26) 2,2-Dichloropropane	4.483	77	136984	43.005	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	133041	54.620	ug/l	98
28) Bromochloromethane	4.910	49	94793	52.153	ug/l	94
29) Tetrahydrofuran	5.019	42	346244	276.727	ug/l	89
30) Chloroform	5.105	83	218258	54.753	ug/l	100
31) Cyclohexane	5.477	56	186921	50.341	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	187984	55.179	ug/l	98
36) 1,1-Dichloropropene	5.702	75	157002	52.481	ug/l	99
37) Ethyl Acetate	4.727	43	181377	48.086	ug/l	95
38) Carbon Tetrachloride	5.684	117	164728	54.144	ug/l	100
39) Methylcyclohexane	7.385	83	185014	48.971	ug/l	100
40) Benzene	6.050	78	472619	53.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	107609	54.031	ug/l	92
42) 1,2-Dichloroethane	6.099	62	175690	53.570	ug/l	96
43) Isopropyl Acetate	6.355	43	292862	50.106	ug/l	94
44) Trichloroethene	7.135	130	126975	52.108	ug/l	97
45) 1,2-Dichloropropane	7.440	63	123589	52.655	ug/l	98
46) Dibromomethane	7.586	93	86120	54.093	ug/l	98
47) Bromodichloromethane	7.830	83	155557	54.233	ug/l	99
48) Methyl methacrylate	7.702	41	146790	54.228	ug/l	88
49) 1,4-Dioxane	7.665	88	60285	1045.876	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	978445	273.693	ug/l	91
52) Toluene	8.720	92	288642	52.526	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	171329	47.201	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	182612	51.071	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	120224	54.028	ug/l	98
56) Ethyl methacrylate	9.122	69	192427	53.947	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	200368	52.991	ug/l	100
59) 2-Hexanone	9.433	43	747209	275.241	ug/l	89
60) Dibromochloromethane	9.525	129	119877	48.661	ug/l	99
61) 1,2-Dibromoethane	9.616	107	128562	54.152	ug/l	100
64) Tetrachloroethene	9.281	164	200306	86.898	ug/l	97
65) Chlorobenzene	10.086	112	310014	52.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	114652	50.326	ug/l	99
67) Ethyl Benzene	10.195	91	545416	53.050	ug/l	99
68) m/p-Xylenes	10.305	106	416422	105.315	ug/l	98
69) o-Xylene	10.646	106	203688	51.959	ug/l	98
70) Styrene	10.659	104	336831	54.230	ug/l	98
71) Bromoform	10.805	173	82578	46.516	ug/l	97
73) Isopropylbenzene	10.964	105	530035	52.067	ug/l	98
74) N-amyl acetate	10.848	43	225823	48.625	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	176884	53.342	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	160645m	54.112	ug/l	
77) Bromobenzene	11.201	156	132319	53.883	ug/l	94
78) n-propylbenzene	11.305	91	608067	52.779	ug/l	99
79) 2-Chlorotoluene	11.366	91	359941	52.283	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	438335	52.874	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	52075	47.166	ug/l	91
82) 4-Chlorotoluene	11.457	91	412675	52.985	ug/l	99
83) tert-Butylbenzene	11.719	119	430332	52.919	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	436598	52.945	ug/l	100
85) sec-Butylbenzene	11.896	105	543158	51.514	ug/l	99
86) p-Isopropyltoluene	12.012	119	448770	52.706	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	234228	51.557	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	236331	51.267	ug/l	100
89) n-Butylbenzene	12.335	91	384698	49.909	ug/l	98
90) Hexachloroethane	12.542	117	74804	49.089	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	231980	52.736	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39095	48.655	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	143297	51.848	ug/l	99
94) Hexachlorobutadiene	13.725	225	58495	47.162	ug/l	99
95) Naphthalene	13.780	128	526575	55.415	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	148399	53.173	ug/l	99

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

