

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024322.D
 Acq On : 17 Sep 2021 20:17
 Operator : JC/MD
 Sample : M3782-22MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915MSD

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:42 PM

Quant Time: Sep 22 08:06:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	184321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	263738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133579	50.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.640%			
35) Dibromofluoromethane	5.397	113	103411	51.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.653	98	315703	42.754	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.500%#			
62) 4-Bromofluorobenzene	11.085	95	143659	49.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	84500	47.691	ug/l	99
3) Chloromethane	1.294	50	90270	48.788	ug/l	99
4) Vinyl Chloride	1.380	62	92572	50.272	ug/l	100
5) Bromomethane	1.599	94	51339	46.833	ug/l	96
6) Chloroethane	1.679	64	52079	42.817	ug/l	100
7) Trichlorofluoromethane	1.886	101	137181	44.411	ug/l	98
8) Diethyl Ether	2.142	74	47080	44.048	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.325	101	95569	52.666	ug/l	96
10) Methyl Iodide	2.453	142	127352	50.728	ug/l	91
11) Tert butyl alcohol	2.983	59	143998	260.476	ug/l	98
12) 1,1-Dichloroethene	2.319	96	90112	53.023	ug/l	88
13) Acrolein	2.246	56	35805	206.690	ug/l	98
14) Allyl chloride	2.666	41	159553	51.658	ug/l	93
15) Acrylonitrile	3.075	53	290685	270.394	ug/l	97
16) Acetone	2.392	43	271803	242.526	ug/l	90
17) Carbon Disulfide	2.514	76	203186	47.707	ug/l	100
18) Methyl Acetate	2.715	43	176066	50.110	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	325258	52.076	ug/l	100
20) Methylene Chloride	2.794	84	102416	47.589	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	95377	51.262	ug/l	97
22) Diisopropyl ether	3.776	45	328980	54.230	ug/l	92
23) Vinyl Acetate	3.733	43	1242569	252.269	ug/l	94
24) 1,1-Dichloroethane	3.617	63	185718	52.173	ug/l	99
25) 2-Butanone	4.574	43	433352	262.530	ug/l	93
26) 2,2-Dichloropropane	4.483	77	134889	43.264	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	116294	54.122	ug/l	98
28) Bromochloromethane	4.910	49	67626	46.626	ug/l	97
29) Tetrahydrofuran	5.019	42	280882	271.863	ug/l	90
30) Chloroform	5.105	83	200157	52.876	ug/l	100
31) Cyclohexane	5.477	56	156415	50.876	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	176990	52.242	ug/l	99
36) 1,1-Dichloropropene	5.702	75	139113	50.062	ug/l	98
37) Ethyl Acetate	4.733	43	153766	47.489	ug/l	95
38) Carbon Tetrachloride	5.690	117	158816	50.778	ug/l	99
39) Methylcyclohexane	7.385	83	163160	49.179	ug/l	96
40) Benzene	6.050	78	408635	51.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	91005	52.703	ug/l	91
42) 1,2-Dichloroethane	6.098	62	165415	49.772	ug/l	94
43) Isopropyl Acetate	6.355	43	248899	48.290	ug/l	93
44) Trichloroethene	7.135	130	462727	206.635	ug/l	100
45) 1,2-Dichloropropane	7.440	63	107861	51.275	ug/l	98
46) Dibromomethane	7.586	93	75534	49.055	ug/l	98
47) Bromodichloromethane	7.830	83	146242	51.077	ug/l	99
48) Methyl methacrylate	7.702	41	131101	50.978	ug/l	89
49) 1,4-Dioxane	7.665	88	60110	1116.267	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	734672	223.681	ug/l	90
52) Toluene	8.726	92	219166	41.956	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	148384	45.699	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	136533	40.634	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	104157	46.819	ug/l	98
56) Ethyl methacrylate	9.122	69	162014	43.801	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	167795	46.314	ug/l	99
59) 2-Hexanone	9.433	43	597769	233.572	ug/l	87
60) Dibromochloromethane	9.525	129	107577	42.894	ug/l	98
61) 1,2-Dibromoethane	9.616	107	112159	47.315	ug/l	98
64) Tetrachloroethene	9.275	164	99735	48.814	ug/l	95
65) Chlorobenzene	10.086	112	268356	49.458	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	100227	49.841	ug/l	99
67) Ethyl Benzene	10.195	91	488466	51.462	ug/l	100
68) m/p-Xylenes	10.305	106	341275	93.915	ug/l	98
69) o-Xylene	10.646	106	187628	51.725	ug/l	97
70) Styrene	10.659	104	319315	54.264	ug/l	97
71) Bromoform	10.805	173	81247	48.456	ug/l #	98
73) Isopropylbenzene	10.963	105	504708	54.710	ug/l	100
74) N-amyl acetate	10.848	43	208820	53.771	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	163065	54.638	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	153463m	53.874	ug/l	
77) Bromobenzene	11.201	156	123656	53.335	ug/l	97
78) n-propylbenzene	11.311	91	547288	52.515	ug/l	99
79) 2-Chlorotoluene	11.366	91	354688	54.792	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	383255	49.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	49707	51.321	ug/l	90
82) 4-Chlorotoluene	11.457	91	364662	49.511	ug/l	100
83) tert-Butylbenzene	11.719	119	376770	50.200	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	382140	49.958	ug/l	98
85) sec-Butylbenzene	11.896	105	471609	50.153	ug/l	100
86) p-Isopropyltoluene	12.012	119	397858	50.404	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	207219	49.897	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	206994	48.831	ug/l	99
89) n-Butylbenzene	12.335	91	360189	52.739	ug/l	98
90) Hexachloroethane	12.542	117	70004	55.046	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	214156	52.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37142	54.245	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	136787	56.972	ug/l	99
94) Hexachlorobutadiene	13.725	225	59529	49.651	ug/l	97
95) Naphthalene	13.780	128	480989	54.217	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140561	58.082	ug/l	98

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

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