

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022882.D
 Acq On : 24 Jun 2021 20:54
 Operator : JC/MD
 Sample : M2783-19MS 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20210618MS

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:50 PM

Quant Time: Jun 25 05:40:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66091	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57727	48.129	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.260%		
35) Dibromofluoromethane	5.397	113	40021	48.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	8.653	98	159572	49.736	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.085	95	57340	47.887	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	46988	50.390	ug/l	96
3) Chloromethane	1.295	50	47921	46.801	ug/l	99
4) Vinyl Chloride	1.374	62	46143	48.836	ug/l	99
5) Bromomethane	1.599	94	24216	46.523	ug/l	95
6) Chloroethane	1.679	64	27783	47.579	ug/l	96
7) Trichlorofluoromethane	1.886	101	66550	48.485	ug/l	94
8) Diethyl Ether	2.142	74	24865	46.934	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	43209	50.279	ug/l	90
10) Methyl Iodide	2.453	142	45324	44.337	ug/l	95
11) Tert butyl alcohol	2.983	59	60244	241.001	ug/l	98
12) 1,1-Dichloroethene	2.319	96	41430	48.320	ug/l	94
13) Acrolein	2.239	56	32103	206.488	ug/l	98
14) Allyl chloride	2.666	41	78608	48.257	ug/l	93
15) Acrylonitrile	3.075	53	148027	259.042	ug/l	99
16) Acetone	2.392	43	124710	234.535	ug/l	96
17) Carbon Disulfide	2.514	76	98855	42.854	ug/l	98
18) Methyl Acetate	2.715	43	64453	49.254	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	154140	50.131	ug/l	97
20) Methylene Chloride	2.794	84	50057	47.484	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	45743	48.090	ug/l	95
22) Diisopropyl ether	3.770	45	171007	50.469	ug/l	# 92
23) Vinyl Acetate	3.733	43	748187	263.221	ug/l	95
24) 1,1-Dichloroethane	3.617	63	90840	50.182	ug/l	97
25) 2-Butanone	4.568	43	209680	253.581	ug/l	93
26) 2,2-Dichloropropane	4.477	77	61314	44.634	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	54082	51.230	ug/l	97
28) Bromochloromethane	4.910	49	41360	48.497	ug/l	# 79
29) Tetrahydrofuran	5.019	42	139202	261.725	ug/l	87
30) Chloroform	5.105	83	90702	49.813	ug/l	97
31) Cyclohexane	5.477	56	81618	48.199	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	73289	50.097	ug/l	96
36) 1,1-Dichloropropene	5.702	75	65992	48.195	ug/l	97
37) Ethyl Acetate	4.727	43	83153	52.426	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	60910	53.036	ug/l	95
39) Methylcyclohexane	7.391	83	79111	49.529	ug/l	98
40) Benzene	6.044	78	199477	50.521	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	45342	51.891	ug/l	90
42) 1,2-Dichloroethane	6.092	62	74915	51.570	ug/l	97
43) Isopropyl Acetate	6.348	43	132065	51.789	ug/l #	92
44) Trichloroethene	7.129	130	85339	91.140	ug/l	89
45) 1,2-Dichloropropane	7.440	63	52235	51.291	ug/l	98
46) Dibromomethane	7.586	93	34905	51.662	ug/l #	85
47) Bromodichloromethane	7.830	83	64363	47.064	ug/l	95
48) Methyl methacrylate	7.696	41	61635	52.224	ug/l	89
49) 1,4-Dioxane	7.665	88	26709	1051.311	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	422664	266.316	ug/l	90
52) Toluene	8.726	92	120654	50.550	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	71623	44.516	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	77366	44.935	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	49565	51.758	ug/l	100
56) Ethyl methacrylate	9.122	69	83946	47.606	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	88384	50.773	ug/l	99
59) 2-Hexanone	9.433	43	327575	272.065	ug/l	88
60) Dibromochloromethane	9.525	129	43470	46.610	ug/l	98
61) 1,2-Dibromoethane	9.616	107	50061	51.472	ug/l	98
64) Tetrachloroethene	9.275	164	42942	52.031	ug/l #	89
65) Chlorobenzene	10.086	112	124867	50.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42738	53.470	ug/l	95
67) Ethyl Benzene	10.195	91	234060	51.393	ug/l	99
68) m/p-Xylenes	10.305	106	173049	102.317	ug/l	96
69) o-Xylene	10.647	106	84747	51.484	ug/l	96
70) Styrene	10.659	104	137825	50.445	ug/l	96
71) Bromoform	10.805	173	24975	44.105	ug/l #	100
73) Isopropylbenzene	10.964	105	219000	51.915	ug/l	99
74) N-amyl acetate	10.848	43	114821	48.296	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	75316	51.982	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	70460m	53.506	ug/l	
77) Bromobenzene	11.201	156	45195	51.521	ug/l	82
78) n-propylbenzene	11.305	91	265080	51.934	ug/l	96
79) 2-Chlorotoluene	11.366	91	158436	51.411	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	183858	53.079	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21095	44.146	ug/l #	83
82) 4-Chlorotoluene	11.457	91	180142	50.580	ug/l	94
83) tert-Butylbenzene	11.719	119	169988	51.965	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	182790	52.431	ug/l	98
85) sec-Butylbenzene	11.896	105	231105	52.386	ug/l	97
86) p-Isopropyltoluene	12.012	119	181379	51.740	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	87177	51.511	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	86470	48.863	ug/l	96
89) n-Butylbenzene	12.335	91	170747	51.227	ug/l	96
90) Hexachloroethane	12.543	117	29742	46.178	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	84745	51.305	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15836	46.574	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	46274	50.511	ug/l	97
94) Hexachlorobutadiene	13.725	225	17050	47.496	ug/l	98
95) Naphthalene	13.780	128	197691	48.697	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	48437	52.491	ug/l	97

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

