

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022841.D
 Acq On : 23 Jun 2021 11:40
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:00 PM

Quant Time: Jun 23 12:02:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 11:18:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	69178	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	135703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57882	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	202630	162.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 324.36%#			
35) Dibromofluoromethane	5.397	113	140887	161.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 323.58%#			
50) Toluene-d8	8.653	98	547293	160.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 320.82%#			
62) 4-Bromofluorobenzene	11.085	95	223111	172.96	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 345.92%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	157712	187.32	ug/l	98
3) Chloromethane	1.295	50	165186	166.43	ug/l	100
4) Vinyl Chloride	1.374	62	159950	164.06	ug/l	99
5) Bromomethane	1.599	94	73661	140.13	ug/l	95
6) Chloroethane	1.666	64	88989	150.97	ug/l	100
7) Trichlorofluoromethane	1.874	101	225024	160.65	ug/l	98
8) Diethyl Ether	2.142	74	84815	151.30	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	140077	163.41	ug/l	91
10) Methyl Iodide	2.447	142	170057	177.82	ug/l	94
11) Tert butyl alcohol	2.995	59	199513	701.23	ug/l	99
12) 1,1-Dichloroethene	2.313	96	141077	165.23	ug/l	93
13) Acrolein	2.246	56	122345	943.20	ug/l	100
14) Allyl chloride	2.660	41	284692	174.73	ug/l	94
15) Acrylonitrile	3.075	53	474868	830.45	ug/l	99
16) Acetone	2.392	43	405938	731.20	ug/l	92
17) Carbon Disulfide	2.508	76	390386	201.36	ug/l	100
18) Methyl Acetate	2.715	43	215782	131.75	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	517924	174.42	ug/l	98
20) Methylene Chloride	2.788	84	165108	140.26	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	150145	160.13	ug/l	93
22) Diisopropyl ether	3.776	45	564893	172.11	ug/l	90
23) Vinyl Acetate	3.733	43	2502546	841.40	ug/l	94
24) 1,1-Dichloroethane	3.611	63	299694	159.60	ug/l	98
25) 2-Butanone	4.574	43	683143	761.20	ug/l	90
26) 2,2-Dichloropropane	4.483	77	241644	169.07	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	173176	152.82	ug/l	93
28) Bromochloromethane	4.910	49	141106	156.85	ug/l #	77
29) Tetrahydrofuran	5.019	42	437665	819.29	ug/l	88
30) Chloroform	5.105	83	299171	160.32	ug/l	100
31) Cyclohexane	5.477	56	274394	175.48	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	255041	173.04	ug/l	96
36) 1,1-Dichloropropene	5.696	75	225026	164.53	ug/l	96
37) Ethyl Acetate	4.727	43	268114	156.48	ug/l #	93
38) Carbon Tetrachloride	5.684	117	208988	178.23	ug/l	100
39) Methylcyclohexane	7.385	83	268659	183.84	ug/l	95
40) Benzene	6.044	78	642373	159.26	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	147307	161.73	ug/l	91
42) 1,2-Dichloroethane	6.099	62	250493	167.49	ug/l	95
43) Isopropyl Acetate	6.355	43	446073	164.89	ug/l #	92
44) Trichloroethene	7.129	130	151106	159.09	ug/l	90
45) 1,2-Dichloropropane	7.440	63	173856	160.21	ug/l	97
46) Dibromomethane	7.586	93	114092	168.71	ug/l #	84
47) Bromodichloromethane	7.830	83	227159	181.39	ug/l	99
48) Methyl methacrylate	7.702	41	215696	166.45	ug/l	85
49) 1,4-Dioxane	7.671	88	83530	3327.11	ug/l #	94
51) 4-Methyl-2-Pentanone	8.586	43	1355624	789.50	ug/l	90
52) Toluene	8.726	92	398687	158.83	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	272591	188.41	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	285317	180.18	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	160973	157.41	ug/l	99
56) Ethyl methacrylate	9.122	69	292054	176.48	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	289113	162.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	696527	758.41	ug/l	94
59) 2-Hexanone	9.439	43	1056542	807.69	ug/l	87
60) Dibromochloromethane	9.525	129	157896	188.54	ug/l	99
61) 1,2-Dibromoethane	9.616	107	168091	165.36	ug/l	99
64) Tetrachloroethene	9.281	164	125810	152.36	ug/l	91
65) Chlorobenzene	10.086	112	405925	152.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	144964	166.78	ug/l	98
67) Ethyl Benzene	10.195	91	778029	157.97	ug/l	98
68) m/p-Xylenes	10.305	106	570368	319.98	ug/l	92
69) o-Xylene	10.647	106	285170	164.74	ug/l	94
70) Styrene	10.659	104	494062	171.18	ug/l	94
71) Bromoform	10.805	173	101462	202.16	ug/l #	100
73) Isopropylbenzene	10.964	105	767393	159.73	ug/l	98
74) N-amyl acetate	10.848	43	426218	166.36	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.220	83	260475	154.07	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	235796m	153.62	ug/l	
77) Bromobenzene	11.201	156	158510	155.71	ug/l	79
78) n-propylbenzene	11.311	91	941269	162.07	ug/l	96
79) 2-Chlorotoluene	11.366	91	563841	160.24	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	644341	161.87	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	93985	183.72	ug/l	89
82) 4-Chlorotoluene	11.457	91	654153	163.55	ug/l	93
83) tert-Butylbenzene	11.719	119	593412	158.53	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	655525	161.72	ug/l	98
85) sec-Butylbenzene	11.896	105	820611	166.50	ug/l	97
86) p-Isopropyltoluene	12.012	119	662835	164.05	ug/l	94
87) 1,3-Dichlorobenzene	11.976	146	306060	157.67	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	311504	156.39	ug/l	96
89) n-Butylbenzene	12.335	91	651501	168.70	ug/l	97
90) Hexachloroethane	12.543	117	120026	208.75	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	295976	156.91	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64056	197.55	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	179679	160.33	ug/l	97
94) Hexachlorobutadiene	13.731	225	67006	166.13	ug/l	99
95) Naphthalene	13.780	128	724689	166.99	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	177680	161.68	ug/l	97

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

