

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021866.D
 Acq On : 07 May 2021 10:50
 Operator : JC/MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:42 PM

Quant Time: May 07 12:01:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 07 12:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	14958	13.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 27.72%#			
35) Dibromofluoromethane	5.391	113	11992	11.26	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 22.52%#			
50) Toluene-d8	8.653	98	45314	11.10	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 22.20%#			
62) 4-Bromofluorobenzene	11.085	95	17632	11.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 22.86%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11210	12.63	ug/l	96
3) Chloromethane	1.295	50	13776	10.92	ug/l	97
4) Vinyl Chloride	1.374	62	16049	14.79	ug/l	99
5) Bromomethane	1.599	94	5430	11.90	ug/l	97
6) Chloroethane	1.666	64	9300	13.87	ug/l	99
7) Trichlorofluoromethane	1.874	101	22457	15.28	ug/l	100
8) Diethyl Ether	2.142	74	9406	15.62	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	11586	13.71	ug/l	91
10) Methyl Iodide	2.447	142	13125	18.48	ug/l	95
11) Tert butyl alcohol	2.995	59	20029	81.51	ug/l	100
12) 1,1-Dichloroethene	2.313	96	12165	14.26	ug/l	84
13) Acrolein	2.246	56	12595	73.64	ug/l	97
14) Allyl chloride	2.660	41	21584	15.19	ug/l	96
15) Acrylonitrile	3.075	53	36595	76.40	ug/l	98
16) Acetone	2.392	43	32708	85.12	ug/l	96
17) Carbon Disulfide	2.508	76	33099	13.60	ug/l	99
18) Methyl Acetate	2.715	43	18340	17.48	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	38691	13.25	ug/l	95
20) Methylene Chloride	2.788	84	13842	12.91	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	13162	13.48	ug/l	95
22) Diisopropyl ether	3.776	45	39740	14.13	ug/l	92
23) Vinyl Acetate	3.733	43	199444	79.20	ug/l	95
24) 1,1-Dichloroethane	3.611	63	23421	14.18	ug/l	97
25) 2-Butanone	4.574	43	56367	85.63	ug/l	95
26) 2,2-Dichloropropane	4.489	77	21423	13.56	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	15170	13.64	ug/l	94
28) Bromochloromethane	4.904	49	10887	15.29	ug/l	85
29) Tetrahydrofuran	5.026	42	33186	79.22	ug/l	93
30) Chloroform	5.105	83	24155	13.61	ug/l	97
31) Cyclohexane	5.471	56	19826	13.37	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	21644	13.82	ug/l	98
36) 1,1-Dichloropropene	5.696	75	17989	12.21	ug/l	100
37) Ethyl Acetate	4.727	43	22294	15.18	ug/l	98
38) Carbon Tetrachloride	5.690	117	17757	11.09	ug/l	97
39) Methylcyclohexane	7.385	83	20512	10.94	ug/l	93
40) Benzene	6.044	78	54987	12.40	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	11677	14.25	ug/l	97
42) 1,2-Dichloroethane	6.092	62	18356	12.64	ug/l	96
43) Isopropyl Acetate	6.355	43	36375	14.21	ug/l	94
44) Trichloroethene	7.129	130	13281	10.63	ug/l	91
45) 1,2-Dichloropropane	7.440	63	14380	12.36	ug/l	96
46) Dibromomethane	7.586	93	9873	12.26	ug/l #	86
47) Bromodichloromethane	7.830	83	19833	12.02	ug/l	93
48) Methyl methacrylate	7.702	41	17168	13.97	ug/l	95
49) 1,4-Dioxane	7.671	88	6942	248.55	ug/l #	83
51) 4-Methyl-2-Pentanone	8.580	43	113458	75.95	ug/l	93
52) Toluene	8.720	92	34960	12.21	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	22763	12.25	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	23837	12.15	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	14027	11.98	ug/l	98
56) Ethyl methacrylate	9.122	69	23627	13.02	ug/l	89
57) 1,3-Dichloropropane	9.311	76	24257	12.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	59430	66.92	ug/l	97
59) 2-Hexanone	9.433	43	86931	77.07	ug/l	93
60) Dibromochloromethane	9.525	129	15145	10.94	ug/l	98
61) 1,2-Dibromoethane	9.616	107	14462	11.44	ug/l	99
64) Tetrachloroethene	9.281	164	10161	9.05	ug/l	89
65) Chlorobenzene	10.086	112	36131	11.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	12917	10.86	ug/l	97
67) Ethyl Benzene	10.195	91	66495	12.16	ug/l	100
68) m/p-Xylenes	10.305	106	51714	24.51	ug/l	98
69) o-Xylene	10.646	106	25355	12.46	ug/l	97
70) Styrene	10.659	104	42044	12.10	ug/l	98
71) Bromoform	10.805	173	9910	9.44	ug/l #	99
73) Isopropylbenzene	10.964	105	64767	12.99	ug/l	100
74) N-amyl acetate	10.848	43	33047	15.98	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	23994	15.33	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	20900m	14.26	ug/l	
77) Bromobenzene	11.201	156	14034	11.06	ug/l	89
78) n-propylbenzene	11.305	91	77756	13.89	ug/l	100
79) 2-Chlorotoluene	11.366	91	46336	14.04	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	55119	12.97	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	8992	14.10	ug/l	96
82) 4-Chlorotoluene	11.457	91	52968	13.77	ug/l	96
83) tert-Butylbenzene	11.719	119	54158	12.88	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	56570	13.19	ug/l	98
85) sec-Butylbenzene	11.896	105	65812	13.40	ug/l	99
86) p-Isopropyltoluene	12.012	119	56020	12.28	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	26389	11.90	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	26642	11.82	ug/l	92
89) n-Butylbenzene	12.335	91	48882	12.41	ug/l	99
90) Hexachloroethane	12.542	117	10219	12.44	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	26905	12.47	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5831	16.54	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	16131	10.74	ug/l	97
94) Hexachlorobutadiene	13.731	225	6416	8.96	ug/l	98
95) Naphthalene	13.780	128	66468	13.75	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	16142	11.10	ug/l	96

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

