

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021241.D
 Acq On : 16 Mar 2021 12:10
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:46 PM

Quant Time: Mar 16 12:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 12:20:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	86729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	143444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	132207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	64317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	143564	97.75	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 195.50%#			
35) Dibromofluoromethane	5.464	113	102390	103.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 207.94%#			
50) Toluene-d8	8.694	98	372501	105.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 210.50%#			
62) 4-Bromofluorobenzene	11.118	95	147989	108.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 217.94%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	106867	96.60	ug/l	99
3) Chloromethane	1.311	50	149313	123.99	ug/l	98
4) Vinyl Chloride	1.393	62	108052	97.72	ug/l	99
5) Bromomethane	1.622	94	43386	70.86	ug/l	97
6) Chloroethane	1.699	64	65573	99.34	ug/l	99
7) Trichlorofluoromethane	1.905	101	162818	94.40	ug/l	98
8) Diethyl Ether	2.170	74	56566	96.70	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.358	101	92567	98.53	ug/l	96
10) Methyl Iodide	2.487	142	85030	72.96	ug/l	91
11) Tert butyl alcohol	3.029	59	121032	473.56	ug/l	97
12) 1,1-Dichloroethene	2.352	96	90172	96.97	ug/l	83
13) Acrolein	2.275	56	72609	463.58	ug/l	99
14) Allyl chloride	2.705	41	187081	92.18	ug/l	89
15) Acrylonitrile	3.117	53	292920	514.86	ug/l	98
16) Acetone	2.423	43	267383	454.28	ug/l #	88
17) Carbon Disulfide	2.546	76	258266	94.45	ug/l	98
18) Methyl Acetate	2.752	43	140666	97.37	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	347925	98.22	ug/l	98
20) Methylene Chloride	2.834	84	108952	96.87	ug/l	89
21) trans-1,2-Dichloroethene	3.140	96	100824	98.66	ug/l	94
22) Diisopropyl ether	3.829	45	367318	98.84	ug/l	92
23) Vinyl Acetate	3.787	43	1657922	509.26	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	194911	97.41	ug/l	97
25) 2-Butanone	4.635	43	426543	499.58	ug/l	90
26) 2,2-Dichloropropane	4.552	77	174469	96.29	ug/l	95
27) cis-1,2-Dichloroethene	4.564	96	117089	100.05	ug/l	91
28) Bromochloromethane	4.982	49	86729	87.73	ug/l	87
29) Tetrahydrofuran	5.088	42	276197	500.71	ug/l	87
30) Chloroform	5.176	83	204758	98.21	ug/l	99
31) Cyclohexane	5.547	56	174399	93.66	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	184304	99.86	ug/l	97
36) 1,1-Dichloropropene	5.770	75	148742	99.39	ug/l	96
37) Ethyl Acetate	4.799	43	169498	102.02	ug/l #	93
38) Carbon Tetrachloride	5.752	117	159865	97.28	ug/l	98
39) Methylcyclohexane	7.441	83	171057	101.67	ug/l	93
40) Benzene	6.111	78	426353	101.58	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	97265	102.10	ug/l #	88
42) 1,2-Dichloroethane	6.164	62	179647	100.87	ug/l	94
43) Isopropyl Acetate	6.411	43	291045	104.65	ug/l #	91
44) Trichloroethene	7.188	130	110670	99.88	ug/l	97
45) 1,2-Dichloropropane	7.488	63	116365	102.75	ug/l	98
46) Dibromomethane	7.635	93	82761	104.54	ug/l	91
47) Bromodichloromethane	7.876	83	171784	103.61	ug/l	100
48) Methyl methacrylate	7.747	41	153563	106.97	ug/l #	83
49) 1,4-Dioxane	7.717	88	49432	2045.88	ug/l #	88
51) 4-Methyl-2-Pentanone	8.623	43	853686	536.38	ug/l	89
52) Toluene	8.765	92	268455	105.63	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	185434	108.18	ug/l	99
54) cis-1,3-Dichloropropene	8.417	75	194978	106.19	ug/l #	87
55) 1,1,2-Trichloroethane	9.194	97	109916	104.72	ug/l	98
56) Ethyl methacrylate	9.159	69	180258	110.40	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	189306	104.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.294	63	469982	574.30	ug/l	96
59) 2-Hexanone	9.476	43	642994	535.22	ug/l	86
60) Dibromochloromethane	9.565	129	129400	108.03	ug/l	99
61) 1,2-Dibromoethane	9.653	107	119531	108.73	ug/l	100
64) Tetrachloroethene	9.318	164	103356	92.88	ug/l	93
65) Chlorobenzene	10.124	112	290242	106.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	111434	103.33	ug/l	100
67) Ethyl Benzene	10.235	91	535147	105.66	ug/l	99
68) m/p-Xylenes	10.341	106	390565	214.46	ug/l	95
69) o-Xylene	10.682	106	187702	106.72	ug/l	95
70) Styrene	10.694	104	323277	108.40	ug/l	95
71) Bromoform	10.841	173	91885	109.16	ug/l	99
73) Isopropylbenzene	11.000	105	514232	103.47	ug/l	99
74) N-amyl acetate	10.883	43	258066	107.94	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	166139	106.94	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	163902m	103.17	ug/l	
77) Bromobenzene	11.241	156	120350	101.65	ug/l	94
78) n-propylbenzene	11.341	91	603933	105.33	ug/l	98
79) 2-Chlorotoluene	11.406	91	353862	101.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	434366	103.74	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	59766	106.14	ug/l	88
82) 4-Chlorotoluene	11.494	91	418226	102.86	ug/l	97
83) tert-Butylbenzene	11.753	119	423137	110.37	ug/l	93
84) 1,2,4-Trimethylbenzene	11.789	105	442474	105.20	ug/l	97
85) sec-Butylbenzene	11.930	105	488986	105.55	ug/l	99
86) p-Isopropyltoluene	12.047	119	455859	106.98	ug/l	97
87) 1,3-Dichlorobenzene	12.012	146	216172	104.50	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	223846	105.11	ug/l	98
89) n-Butylbenzene	12.371	91	419941	107.72	ug/l	96
90) Hexachloroethane	12.583	117	72211	94.63	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	215363	105.74	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	43391	108.70	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	141321	107.83	ug/l	97
94) Hexachlorobutadiene	13.765	225	56540	99.81	ug/l	95
95) Naphthalene	13.818	128	495502	117.87	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	139883	107.84	ug/l	98

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

