

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021244.D
 Acq On : 16 Mar 2021 13:21
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:50 PM

Quant Time: Mar 16 13:53:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 13:53:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	85829	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	142242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	60399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	929	0.90	ug/l	95
3) Chloromethane	1.317	50	3863	1.53	ug/l	99
4) Vinyl Chloride	1.393	62	967	0.93	ug/l	100
6) Chloroethane	1.711	64	543	0.81	ug/l #	73
7) Trichlorofluoromethane	1.917	101	1346	0.86	ug/l	95
8) Diethyl Ether	2.176	74	533	0.96	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.364	101	818	0.91	ug/l	93
12) 1,1-Dichloroethene	2.352	96	805	0.94	ug/l	98
14) Allyl chloride	2.705	41	1739	0.94	ug/l #	82
15) Acrylonitrile	3.117	53	2377	4.30	ug/l #	96
16) Acetone	2.423	43	2525	4.72	ug/l	96
17) Carbon Disulfide	2.552	76	3664	1.43	ug/l	98
18) Methyl Acetate	2.752	43	1610	1.19	ug/l #	79
19) Methyl tert-butyl Ether	3.170	73	2756	0.83	ug/l	94
20) Methylene Chloride	2.829	84	1139	1.08	ug/l #	89
21) trans-1,2-Dichloroethene	3.146	96	1027	1.09	ug/l #	89
22) Diisopropyl ether	3.829	45	2890	0.82	ug/l	97
23) Vinyl Acetate	3.782	43	11501	3.80	ug/l #	88
24) 1,1-Dichloroethane	3.664	63	1690	0.90	ug/l #	93
25) 2-Butanone	4.641	43	3381	4.12	ug/l	99
26) 2,2-Dichloropropane	4.535	77	1398	0.85	ug/l	82
27) cis-1,2-Dichloroethene	4.564	96	1059	0.95	ug/l	86
28) Bromochloromethane	4.976	49	905	1.04	ug/l #	73
29) Tetrahydrofuran	5.094	42	2383	4.47	ug/l #	67
30) Chloroform	5.176	83	1656	0.85	ug/l	87
32) 1,1,1-Trichloroethane	5.464	97	1437	0.82	ug/l #	41
36) 1,1-Dichloropropene	5.770	75	1429	1.02	ug/l	94
37) Ethyl Acetate	4.794	43	1882m	1.14	ug/l	
38) Carbon Tetrachloride	5.758	117	1274	0.86	ug/l	97
39) Methylcyclohexane	7.435	83	1394	0.88	ug/l	94
40) Benzene	6.105	78	3278	0.82	ug/l #	85
41) Methacrylonitrile	4.988	41	1090	1.14	ug/l #	73
42) 1,2-Dichloroethane	6.158	62	1510	0.89	ug/l	77
43) Isopropyl Acetate	6.411	43	2526	0.93	ug/l #	86
44) Trichloroethene	7.182	130	962	0.93	ug/l	84
45) 1,2-Dichloropropane	7.476	63	893	0.83	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.641	93	713	0.93	ug/l	94
47) Bromodichloromethane	7.876	83	1292	0.83	ug/l	98
48) Methyl methacrylate	7.747	41	1402	0.96	ug/l #	75
49) 1,4-Dioxane	7.712	88	573	19.42	ug/l #	81
51) 4-Methyl-2-Pentanone	8.618	43	6637	4.19	ug/l	88
52) Toluene	8.765	92	2024	0.82	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	1455	0.89	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	1532	0.87	ug/l #	74
55) 1,1,2-Trichloroethane	9.200	97	795	0.79	ug/l	96
56) Ethyl methacrylate	9.159	69	1195	0.73	ug/l #	48
57) 1,3-Dichloropropane	9.353	76	1483	0.86	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.288	63	4389	5.17	ug/l	98
59) 2-Hexanone	9.471	43	4768	3.98	ug/l	81
60) Dibromochloromethane	9.565	129	882	0.77	ug/l	96
61) 1,2-Dibromoethane	9.647	107	985	0.92	ug/l	95
64) Tetrachloroethene	9.318	164	902	0.98	ug/l #	90
65) Chlorobenzene	10.124	112	2339	0.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	756	0.77	ug/l #	60
67) Ethyl Benzene	10.235	91	4196	0.88	ug/l	95
68) m/p-Xylenes	10.341	106	2930	1.71	ug/l	91
69) o-Xylene	10.683	106	1401	0.85	ug/l	97
70) Styrene	10.694	104	2383	0.85	ug/l	96
71) Bromoform	10.835	173	596	0.76	ug/l #	95
73) Isopropylbenzene	11.000	105	3746	0.83	ug/l	98
74) N-amyl acetate	10.877	43	1969	0.86	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	11.253	83	1224	0.82	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	1210m	0.86	ug/l	
77) Bromobenzene	11.236	156	900	0.84	ug/l	81
78) n-propylbenzene	11.341	91	4642	0.88	ug/l	97
79) 2-Chlorotoluene	11.406	91	2988	0.94	ug/l	93
80) 1,3,5-Trimethylbenzene	11.489	105	3270	0.86	ug/l	99
82) 4-Chlorotoluene	11.494	91	3490	0.94	ug/l	90
83) tert-Butylbenzene	11.753	119	2948	0.81	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	3280	0.84	ug/l	94
85) sec-Butylbenzene	11.930	105	3610	0.85	ug/l	94
86) p-Isopropyltoluene	12.047	119	3291	0.84	ug/l #	87
87) 1,3-Dichlorobenzene	12.012	146	1820	0.94	ug/l	95
88) 1,4-Dichlorobenzene	12.077	146	1936m	0.98	ug/l	
89) n-Butylbenzene	12.371	91	3102	0.88	ug/l	95
90) Hexachloroethane	12.583	117	502	0.82	ug/l	78
91) 1,2-Dichlorobenzene	12.377	146	1689	0.90	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.983	75	325	0.84	ug/l	66
93) 1,2,4-Trichlorobenzene	13.630	180	1177	0.95	ug/l	88
94) Hexachlorobutadiene	13.765	225	489	0.88	ug/l	92
95) Naphthalene	13.818	128	3768	0.87	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	1169	0.95	ug/l	93

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

