

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021237.D
 Acq On : 16 Mar 2021 10:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/17/2021 4:23:38 PM

Quant Time: Mar 16 12:21:28 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	5.629	168	85254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	142230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55545	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	973	0.89	ug/l	98
3) Chloromethane	1.317	50	7021	5.93	ug/l	96
4) Vinyl Chloride	1.393	62	901	0.83	ug/l	91
6) Chloroethane	1.717	64	730	1.13	ug/l	92
7) Trichlorofluoromethane	1.923	101	1329	0.78	ug/l	98
8) Diethyl Ether	2.170	74	535	0.93	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.370	101	797	0.86	ug/l	89
12) 1,1-Dichloroethene	2.358	96	715	0.78	ug/l	96
14) Allyl chloride	2.705	41	1993	1.00	ug/l #	86
15) Acrylonitrile	3.111	53	2448	4.38	ug/l	94
16) Acetone	2.423	43	3010	5.20	ug/l	90
17) Carbon Disulfide	2.552	76	2748	1.02	ug/l #	92
18) Methyl Acetate	2.746	43	1230	0.87	ug/l	97
19) Methyl tert-butyl Ether	3.170	73	2917	0.84	ug/l	95
20) Methylene Chloride	2.834	84	1082	0.98	ug/l #	93
21) trans-1,2-Dichloroethene	3.140	96	820	0.82	ug/l #	88
22) Diisopropyl ether	3.817	45	3172	0.87	ug/l #	76
23) Vinyl Acetate	3.782	43	11543	3.61	ug/l #	90
24) 1,1-Dichloroethane	3.664	63	1671	0.85	ug/l #	92
25) 2-Butanone	4.635	43	4061	4.84	ug/l #	81
26) 2,2-Dichloropropane	4.535	77	1406	0.79	ug/l #	52
27) cis-1,2-Dichloroethene	4.558	96	1024	0.89	ug/l	94
28) Bromochloromethane	4.976	49	853	0.88	ug/l #	79
29) Tetrahydrofuran	5.099	42	2575	4.75	ug/l #	83
30) Chloroform	5.182	83	1678	0.82	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	1524	0.84	ug/l #	50
36) 1,1-Dichloropropene	5.770	75	1220	0.82	ug/l #	81
37) Ethyl Acetate	4.794	43	1835	1.11	ug/l #	74
38) Carbon Tetrachloride	5.747	117	1186	0.73	ug/l #	79
39) Methylcyclohexane	7.435	83	1335	0.80	ug/l #	93
40) Benzene	6.105	78	3686	0.89	ug/l	100
41) Methacrylonitrile	4.994	41	1088	1.15	ug/l #	58
42) 1,2-Dichloroethane	6.153	62	1492	0.84	ug/l	84
43) Isopropyl Acetate	6.411	43	2480	0.90	ug/l #	86
44) Trichloroethene	7.182	130	847	0.77	ug/l	83
45) 1,2-Dichloropropane	7.488	63	969	0.86	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.635	93	647	0.82	ug/l	87
47) Bromodichloromethane	7.876	83	1309	0.80	ug/l #	88
48) Methyl methacrylate	7.741	41	1495	1.05	ug/l #	70
49) 1,4-Dioxane	7.717	88	921	38.44	ug/l #	72
51) 4-Methyl-2-Pentanone	8.618	43	6621	4.20	ug/l #	86
52) Toluene	8.759	92	2096	0.83	ug/l	97
53) t-1,3-Dichloropropene	9.024	75	1314	0.77	ug/l	96
54) cis-1,3-Dichloropropene	8.412	75	1454	0.80	ug/l #	70
55) 1,1,2-Trichloroethane	9.194	97	876	0.84	ug/l	91
56) Ethyl methacrylate	9.159	69	1340	0.83	ug/l #	59
57) 1,3-Dichloropropane	9.353	76	1429	0.80	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.288	63	3519	4.34	ug/l	91
59) 2-Hexanone	9.471	43	5147	4.32	ug/l	78
60) Dibromochloromethane	9.565	129	961	0.81	ug/l	94
61) 1,2-Dibromoethane	9.653	107	841	0.77	ug/l	92
64) Tetrachloroethene	9.312	164	778	0.75	ug/l	93
65) Chlorobenzene	10.118	112	2234	0.88	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.200	131	872	0.87	ug/l #	66
67) Ethyl Benzene	10.230	91	3995	0.85	ug/l	94
68) m/p-Xylenes	10.341	106	2956	1.75	ug/l	97
69) o-Xylene	10.677	106	1372	0.84	ug/l	90
70) Styrene	10.694	104	2401	0.87	ug/l	93
71) Bromoform	10.841	173	620	0.79	ug/l #	99
73) Isopropylbenzene	11.000	105	3614	0.84	ug/l	98
74) N-amyl acetate	10.883	43	1859	0.90	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	1184	0.88	ug/l	93
76) 1,2,3-Trichloropropane	11.277	75	1136m	0.83	ug/l	
77) Bromobenzene	11.241	156	849	0.83	ug/l	86
78) n-propylbenzene	11.341	91	4366	0.88	ug/l	94
79) 2-Chlorotoluene	11.400	91	2671	0.89	ug/l	95
80) 1,3,5-Trimethylbenzene	11.489	105	3067	0.85	ug/l	99
82) 4-Chlorotoluene	11.494	91	3062	0.87	ug/l	92
83) tert-Butylbenzene	11.753	119	2901	0.88	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	3141	0.86	ug/l	99
85) sec-Butylbenzene	11.930	105	3295	0.82	ug/l	99
86) p-Isopropyltoluene	12.047	119	3039	0.83	ug/l #	84
87) 1,3-Dichlorobenzene	12.012	146	1624	0.91	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	1690m	0.92	ug/l	
89) n-Butylbenzene	12.371	91	2744	0.82	ug/l	95
90) Hexachloroethane	12.577	117	554	0.84	ug/l	86
91) 1,2-Dichlorobenzene	12.377	146	1415	0.80	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.983	75	326	0.95	ug/l	70
93) 1,2,4-Trichlorobenzene	13.630	180	1081	0.96	ug/l	98
94) Hexachlorobutadiene	13.765	225	625	1.28	ug/l	94
95) Naphthalene	13.812	128	3818	1.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	1053	0.94	ug/l	96

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

