

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021187.D
 Acq On : 15 Mar 2021 09:24
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/16/2021 4:36:44 PM

Quant Time: Mar 15 11:34:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:34:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	89943	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.829	114	153193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	136054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	59381	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	993	1.02	ug/l	95
3) Chloromethane	1.317	50	1230	1.14	ug/l	95
4) Vinyl Chloride	1.399	62	982	0.79	ug/l	95
6) Chloroethane	1.711	64	648	0.83	ug/l	93
7) Trichlorofluoromethane	1.917	101	1518	0.97	ug/l	93
8) Diethyl Ether	2.170	74	544	0.75	ug/l	60
9) 1,1,2-Trichlorotrifluo...	2.364	101	755	0.78	ug/l #	93
12) 1,1-Dichloroethene	2.352	96	854	0.85	ug/l #	77
14) Allyl chloride	2.705	41	2232	1.36	ug/l #	90
15) Acrylonitrile	3.111	53	2412	4.18	ug/l	94
16) Acetone	2.423	43	3577	7.15	ug/l #	85
17) Carbon Disulfide	2.552	76	2610	0.91	ug/l	99
18) Methyl Acetate	2.752	43	1567	1.32	ug/l #	79
19) Methyl tert-butyl Ether	3.164	73	3119	0.87	ug/l	97
20) Methylene Chloride	2.840	84	1275	1.06	ug/l #	89
21) trans-1,2-Dichloroethene	3.140	96	904	0.80	ug/l	93
22) Diisopropyl ether	3.823	45	3226	0.98	ug/l #	89
23) Vinyl Acetate	3.782	43	13396	4.74	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	1790	0.92	ug/l #	81
25) 2-Butanone	4.641	43	4145	5.45	ug/l	96
26) 2,2-Dichloropropane	4.547	77	1604	0.91	ug/l	91
27) cis-1,2-Dichloroethene	4.558	96	1013	0.78	ug/l	69
28) Bromochloromethane	4.976	49	1023	1.23	ug/l #	84
29) Tetrahydrofuran	5.094	42	2532	5.19	ug/l #	79
30) Chloroform	5.176	83	1848	0.94	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	1556	0.91	ug/l #	44
36) 1,1-Dichloropropene	5.758	75	1425	0.98	ug/l #	81
37) Ethyl Acetate	4.800	43	1793	1.29	ug/l #	70
38) Carbon Tetrachloride	5.758	117	1645	1.17	ug/l	92
39) Methylcyclohexane	7.435	83	1451	0.79	ug/l #	84
40) Benzene	6.111	78	3858	0.88	ug/l	96
41) Methacrylonitrile	5.017	41	1024	1.31	ug/l #	72
42) 1,2-Dichloroethane	6.159	62	1582	1.09	ug/l	91
43) Isopropyl Acetate	6.412	43	2450	1.04	ug/l #	91
44) Trichloroethene	7.182	130	967	0.84	ug/l	90
45) 1,2-Dichloropropane	7.488	63	1062	0.97	ug/l #	63

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.641	93	724	0.98	ug/l	89
47) Bromodichloromethane	7.871	83	1489	0.97	ug/l #	90
48) Methyl methacrylate	7.747	41	1331	1.13	ug/l #	75
49) 1,4-Dioxane	7.706	88	426	15.44	ug/l #	45
51) 4-Methyl-2-Pentanone	8.618	43	6721	4.90	ug/l #	86
52) Toluene	8.765	92	2226	0.82	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	1479	0.86	ug/l #	87
54) cis-1,3-Dichloropropene	8.418	75	1548	0.82	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	998	0.93	ug/l	95
56) Ethyl methacrylate	9.153	69	1362	0.78	ug/l #	51
57) 1,3-Dichloropropane	9.353	76	1634	0.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	3407	4.01	ug/l	99
59) 2-Hexanone	9.471	43	5169	5.02	ug/l	81
60) Dibromochloromethane	9.559	129	1049	0.93	ug/l	93
61) 1,2-Dibromoethane	9.653	107	902	0.80	ug/l	89
64) Tetrachloroethene	9.318	164	1029	1.05	ug/l	94
65) Chlorobenzene	10.118	112	2305	0.80	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.200	131	965	0.91	ug/l #	64
67) Ethyl Benzene	10.236	91	4124	0.79	ug/l	98
68) m/p-Xylenes	10.341	106	2858	1.50	ug/l	82
69) o-Xylene	10.683	106	1429	0.77	ug/l	92
70) Styrene	10.694	104	2375	0.74	ug/l	90
71) Bromoform	10.836	173	630	0.77	ug/l #	87
73) Isopropylbenzene	11.000	105	3900	0.83	ug/l	95
74) N-amyl acetate	10.883	43	1744	0.92	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.247	83	1140	0.75	ug/l	97
76) 1,2,3-Trichloropropane	11.277	75	1244m	0.97	ug/l	
77) Bromobenzene	11.236	156	1008	0.92	ug/l	89
78) n-propylbenzene	11.342	91	4375	0.82	ug/l	89
79) 2-Chlorotoluene	11.406	91	2818	0.87	ug/l	93
80) 1,3,5-Trimethylbenzene	11.489	105	3207	0.82	ug/l	97
82) 4-Chlorotoluene	11.495	91	3121	0.84	ug/l	93
83) tert-Butylbenzene	11.753	119	2753	0.73	ug/l	84
84) 1,2,4-Trimethylbenzene	11.789	105	3025	0.76	ug/l	96
85) sec-Butylbenzene	11.930	105	3333	0.74	ug/l	99
86) p-Isopropyltoluene	12.048	119	3121	0.76	ug/l	88
87) 1,3-Dichlorobenzene	12.012	146	1472	0.75	ug/l	92
88) 1,4-Dichlorobenzene	12.077	146	1767m	0.89	ug/l	
89) n-Butylbenzene	12.371	91	2778	0.76	ug/l	94
90) Hexachloroethane	12.577	117	526	0.67	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	1491	0.78	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	285	0.82	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	907	0.74	ug/l	91
94) Hexachlorobutadiene	13.765	225	463	0.95	ug/l	96
95) Naphthalene	13.818	128	2354	0.54	ug/l	95
96) 1,2,3-Trichlorobenzene	14.001	180	827	0.68	ug/l	93

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

