

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020546.D
 Acq On : 11 Jan 2021 12:40
 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
 1/12/2021 10:53:59 AM

Quant Time: Jan 11 14:18:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 14:17:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	214878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	337442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	302163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	139177	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	1.185	85	2041	0.87	ug/l	96
3) Chloromethane	1.313	50	2129	0.82	ug/l	94
4) Vinyl Chloride	1.392	62	2236	0.78	ug/l	93
6) Chloroethane	1.715	64	1674	0.95	ug/l #	78
7) Trichlorofluoromethane	1.916	101	4082	1.06	ug/l	94
8) Diethyl Ether	2.166	74	1458	0.93	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.367	101	2121	0.98	ug/l	89
12) 1,1-Dichloroethene	2.349	96	2208	1.00	ug/l	94
14) Allyl chloride	2.703	41	3048	0.82	ug/l	94
15) Acrylonitrile	3.111	53	5808	4.13	ug/l	97
16) Acetone	2.416	43	6306	5.07	ug/l	98
17) Carbon Disulfide	2.550	76	6538	1.02	ug/l	98
18) Methyl Acetate	2.745	43	2678	0.96	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	6515	0.83	ug/l	96
20) Methylene Chloride	2.831	84	2983	1.05	ug/l #	85
21) trans-1,2-Dichloroethene	3.142	96	2509	0.96	ug/l	90
22) Diisopropyl ether	3.818	45	5491	0.73	ug/l #	96
23) Vinyl Acetate	3.776	43	22969	3.60	ug/l	96
24) 1,1-Dichloroethane	3.666	63	4128	0.91	ug/l #	81
25) 2-Butanone	4.629	43	7574	4.19	ug/l	93
26) 2,2-Dichloropropane	4.550	77	3928	1.03	ug/l	98
27) cis-1,2-Dichloroethene	4.550	96	2734	0.94	ug/l	96
28) Bromochloromethane	4.964	49	1520	0.77	ug/l #	78
29) Tetrahydrofuran	5.080	42	4002	3.53	ug/l	96
30) Chloroform	5.172	83	4772	1.03	ug/l	100
32) 1,1,1-Trichloroethane	5.464	97	4110	1.04	ug/l #	50
36) 1,1-Dichloropropene	5.757	75	3161	0.94	ug/l	98
37) Ethyl Acetate	4.782	43	3070	0.92	ug/l #	89
38) Carbon Tetrachloride	5.739	117	3823	1.16	ug/l	91
39) Methylcyclohexane	7.434	83	3356	0.86	ug/l	95
40) Benzene	6.105	78	9500	0.93	ug/l	97
41) Methacrylonitrile	4.995	41	1447	0.82	ug/l #	88
42) 1,2-Dichloroethane	6.153	62	3414	0.97	ug/l	100
43) Isopropyl Acetate	6.403	43	4178	0.79	ug/l	98
44) Trichloroethene	7.178	130	3022	1.11	ug/l	100
45) 1,2-Dichloropropane	7.476	63	2285	0.89	ug/l	93

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46) Dibromomethane	7.629	93	1838	1.03	ug/l	93
47) Bromodichloromethane	7.872	83	3648	1.07	ug/l #	98
48) Methyl methacrylate	7.744	41	1898	0.74	ug/l	98
49) 1,4-Dioxane	7.732	88	996	16.26	ug/l #	85
51) 4-Methyl-2-Pentanone	8.616	43	11878	3.63	ug/l	99
52) Toluene	8.763	92	5639	0.89	ug/l	93
53) t-1,3-Dichloropropene	9.019	75	3545	0.95	ug/l	93
54) cis-1,3-Dichloropropene	8.409	75	3641	0.89	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	2533	0.98	ug/l	88
56) Ethyl methacrylate	9.159	69	2795	0.75	ug/l	95
57) 1,3-Dichloropropane	9.348	76	4126	0.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.281	63	5667	2.90	ug/l	93
59) 2-Hexanone	9.470	43	9189	3.69	ug/l	93
60) Dibromochloromethane	9.561	129	2889	1.10	ug/l	97
61) 1,2-Dibromoethane	9.653	107	2735	1.01	ug/l	99
64) Tetrachloroethene	9.311	164	3157	1.33	ug/l	94
65) Chlorobenzene	10.116	112	7083	1.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.201	131	2524	1.09	ug/l #	66
67) Ethyl Benzene	10.232	91	10550	0.94	ug/l	96
68) m/p-Xylenes	10.335	106	7663	1.82	ug/l	100
69) o-Xylene	10.677	106	3440	0.86	ug/l	91
70) Styrene	10.695	104	5706	0.84	ug/l	99
71) Bromoform	10.835	173	1807	0.98	ug/l #	98
73) Isopropylbenzene	11.000	105	8473	0.84	ug/l	98
74) N-amyl acetate	10.878	43	2267	0.58	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.250	83	3245	0.91	ug/l	97
76) 1,2,3-Trichloropropane	11.274	75	3186m	0.95	ug/l	
77) Bromobenzene	11.238	156	2547	0.96	ug/l	98
78) n-propylbenzene	11.341	91	9495	0.82	ug/l	98
79) 2-Chlorotoluene	11.402	91	5899	0.83	ug/l	92
80) 1,3,5-Trimethylbenzene	11.488	105	6814	0.80	ug/l	97
82) 4-Chlorotoluene	11.494	91	7100	0.85	ug/l	99
83) tert-Butylbenzene	11.750	119	6823	0.83	ug/l	98
84) 1,2,4-Trimethylbenzene	11.786	105	6564	0.76	ug/l	97
85) sec-Butylbenzene	11.927	105	7799	0.82	ug/l	97
86) p-Isopropyltoluene	12.049	119	7236	0.83	ug/l	95
87) 1,3-Dichlorobenzene	12.006	146	5112	1.08	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	5419m	1.10	ug/l	
89) n-Butylbenzene	12.372	91	6685	0.87	ug/l	99
90) Hexachloroethane	12.579	117	1622	1.07	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	5247	1.12	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	776	1.04	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	3461	1.13	ug/l	97
94) Hexachlorobutadiene	13.762	225	2195	1.54	ug/l	96
95) Naphthalene	13.817	128	7188	0.75	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	3067	1.01	ug/l	98

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

