

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064776.D
 Acq On : 23 Nov 2020 11:22
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:04 PM

Quant Time: Nov 23 13:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	302947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	1948	0.775 ug/l	93
3) Chloromethane	2.04	50	2539	0.893 ug/l	98
4) Vinyl Chloride	2.16	62	2627	0.890 ug/l #	82
6) Chloroethane	2.67	64	1554	0.790 ug/l #	78
7) Trichlorofluoromethane	2.99	101	3674	0.716 ug/l	97
8) Diethyl Ether	3.36	74	1416	0.834 ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2057m	0.890 ug/l	
12) 1,1-Dichloroethene	3.69	96	2250	1.005 ug/l #	76
14) Allyl chloride	4.28	41	3512	0.923 ug/l #	32
15) Acrylonitrile	4.94	53	4926m	4.639 ug/l	
16) Acetone	3.78	43	4393	4.823 ug/l	94
17) Carbon Disulfide	4.00	76	7943	1.154 ug/l	98
18) Methyl Acetate	4.28	43	2481	0.892 ug/l #	69
19) Methyl tert-butyl Ether	4.99	73	6147m	0.829 ug/l	
20) Methylene Chloride	4.50	84	3067	1.133 ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	2498	1.003 ug/l	85
22) Diisopropyl ether	5.90	45	6286	0.787 ug/l #	87
23) Vinyl Acetate	5.84	43	23201	3.607 ug/l	100
24) 1,1-Dichloroethane	5.79	63	3889	0.826 ug/l #	82
25) 2-Butanone	6.79	43	5784	4.102 ug/l	99
26) 2,2-Dichloropropane	6.77	77	3605	0.820 ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	2519	0.916 ug/l	80
28) Bromochloromethane	7.14	49	1757	0.746 ug/l #	50
29) Tetrahydrofuran	7.17	42	4134	4.352 ug/l	97
30) Chloroform	7.33	83	4230	0.836 ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	3472	0.754 ug/l #	39
36) 1,1-Dichloropropene	7.75	75	2955	0.866 ug/l	97
37) Ethyl Acetate	6.88	43	2935	1.013 ug/l #	73
38) Carbon Tetrachloride	7.73	117	3005	0.836 ug/l #	89
39) Methylcyclohexane	9.05	83	3132	1.003 ug/l	95
40) Benzene	8.00	78	9451	0.983 ug/l	94
41) Methacrylonitrile	7.13	41	1391	1.059 ug/l #	14
42) 1,2-Dichloroethane	8.09	62	3171	0.795 ug/l	91
43) Isopropyl Acetate	8.13	43	4309	0.780 ug/l #	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3061	1.097	ug/l	87
45) 1,2-Dichloropropane	9.09	63	2393	0.938	ug/l	97
46) Dibromomethane	9.17	93	1587	0.887	ug/l	94
47) Bromodichloromethane	9.37	83	3104	0.829	ug/l #	96
48) Methyl methacrylate	9.16	41	1987	0.764	ug/l #	63
49) 1,4-Dioxane	9.16	88	849	24.159	ug/l #	87
51) 4-Methyl-2-Pentanone	9.95	43	12286	4.083	ug/l	98
52) Toluene	10.13	92	5458	0.925	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	3527	0.879	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	3476	0.830	ug/l #	83
55) 1,1,2-Trichloroethane	10.53	97	2505	1.059	ug/l	92
56) Ethyl methacrylate	10.40	69	2670	0.809	ug/l	98
57) 1,3-Dichloropropane	10.68	76	3944	0.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	7976	4.382	ug/l	99
59) 2-Hexanone	10.72	43	8441	3.885	ug/l	91
60) Dibromochloromethane	10.87	129	2478	0.903	ug/l	98
61) 1,2-Dibromoethane	10.97	107	2264	0.896	ug/l	95
64) Tetrachloroethene	10.60	164	3124	1.153	ug/l	96
65) Chlorobenzene	11.41	112	6624	1.036	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	2176	0.906	ug/l #	60
67) Ethyl Benzene	11.48	91	9948	0.887	ug/l	97
68) m/p-Xylenes	11.59	106	7061	1.742	ug/l	97
69) o-Xylene	11.92	106	3221	0.818	ug/l	94
70) Styrene	11.94	104	5181	0.777	ug/l	99
71) Bromoform	12.10	173	1822	1.081	ug/l #	84
73) Isopropylbenzene	12.22	105	8853	0.939	ug/l	100
74) N-amyl acetate	12.04	43	3132	0.730	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	2653	1.002	ug/l #	87
76) 1,2,3-Trichloropropane	12.53	75	3471m	1.213	ug/l	
77) Bromobenzene	12.50	156	2751	1.148	ug/l	94
78) n-propylbenzene	12.56	91	9683	0.885	ug/l	100
79) 2-Chlorotoluene	12.65	91	6690	0.961	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6276	0.802	ug/l	100
82) 4-Chlorotoluene	12.75	91	7055	0.955	ug/l	95
83) tert-Butylbenzene	12.97	119	5881	0.963	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	6391	0.803	ug/l	97
85) sec-Butylbenzene	13.14	105	7576	0.928	ug/l	93
86) p-Isopropyltoluene	13.26	119	6197	0.824	ug/l	96
87) 1,3-Dichlorobenzene	13.25	146	4533	1.043	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	5812	1.299	ug/l	90
89) n-Butylbenzene	13.59	91	6286	0.906	ug/l	99
90) Hexachloroethane	13.84	117	1189	0.948	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	4614	1.082	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	618	0.906	ug/l	74
93) 1,2,4-Trichlorobenzene	14.88	180	3341	1.401	ug/l	97
94) Hexachlorobutadiene	14.98	225	1939	1.607	ug/l	94
95) Naphthalene	15.11	128	9752	1.292	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	3519	1.534	ug/l	96

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

