

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064266.D
 Acq On : 22 Oct 2020 21:39
 Operator : JC/MD
 Sample : L4214-08 1.0PPB LOQ
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:37:53 PM

Quant Time: Oct 23 15:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 02:22:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	216100	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	7.55	113	146749	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.06	98	526115	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.38	95	203409	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	2343	0.849	ug/l	91
3) Chloromethane	2.04	50	2295	0.786	ug/l #	53
4) Vinyl Chloride	2.17	62	2461	0.851	ug/l	96
6) Chloroethane	2.68	64	2056	1.167	ug/l	98
7) Trichlorofluoromethane	2.99	101	4331	0.910	ug/l #	75
8) Diethyl Ether	3.37	74	1213	0.771	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2048	0.832	ug/l #	77
12) 1,1-Dichloroethene	3.70	96	1599	0.676	ug/l #	93
14) Allyl chloride	4.29	41	4448	0.939	ug/l #	79
15) Acrylonitrile	4.93	53	4165m	4.013	ug/l	
16) Acetone	3.78	43	5333	4.971	ug/l #	77
17) Carbon Disulfide	4.01	76	5817	0.862	ug/l #	93
18) Methyl Acetate	4.28	43	3653m	1.336	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7458m	0.917	ug/l	
20) Methylene Chloride	4.50	84	3747m	1.310	ug/l	
21) trans-1,2-Dichloroethene	5.00	96	2422m	0.928	ug/l	
22) Diisopropyl ether	5.90	45	7817	0.888	ug/l #	93
23) Vinyl Acetate	5.85	43	33707	4.293	ug/l #	93
24) 1,1-Dichloroethane	5.80	63	4559m	0.894	ug/l	
25) 2-Butanone	6.79	43	7853	4.607	ug/l #	88
26) 2,2-Dichloropropane	6.78	77	4147	0.817	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	3385	1.114	ug/l	79
28) Bromochloromethane	7.15	49	2089m	0.862	ug/l	
29) Tetrahydrofuran	7.18	42	4893	4.799	ug/l #	47
30) Chloroform	7.32	83	5513	1.013	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	4459m	0.875	ug/l	
36) 1,1-Dichloropropene	7.75	75	4002	0.950	ug/l	97
37) Ethyl Acetate	6.90	43	4067m	1.063	ug/l	
38) Carbon Tetrachloride	7.73	117	4471	0.933	ug/l	97
39) Methylcyclohexane	9.04	83	3077	0.803	ug/l #	83
40) Benzene	8.00	78	10245	0.881	ug/l	100
41) Methacrylonitrile	7.13	41	1823m	0.908	ug/l	
42) 1,2-Dichloroethane	8.08	62	4815	0.966	ug/l	97
43) Isopropyl Acetate	8.13	43	6718	0.942	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	3150	0.994	ug/l	81
45) 1,2-Dichloropropane	9.08	63	2798	0.901	ug/l #	66
46) Dibromomethane	9.17	93	1965	0.942	ug/l	99
47) Bromodichloromethane	9.37	83	3999	0.868	ug/l #	82
48) Methyl methacrylate	9.17	41	3461m	0.929	ug/l	
49) 1,4-Dioxane	9.17	88	664	15.237	ug/l #	63
51) 4-Methyl-2-Pentanone	9.95	43	17184	4.510	ug/l	98
52) Toluene	10.13	92	5621	0.755	ug/l	81
53) t-1,3-Dichloropropene	10.35	75	4140	0.809	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	4333	0.804	ug/l	92
55) 1,1,2-Trichloroethane	10.54	97	2632m	0.936	ug/l	
56) Ethyl methacrylate	10.40	69	3915	0.901	ug/l #	94
57) 1,3-Dichloropropane	10.68	76	4668	0.956	ug/l #	72
58) 2-Chloroethyl Vinyl ether	9.67	63	9808	4.382	ug/l	98
59) 2-Hexanone	10.73	43	12601	4.528	ug/l	92
60) Dibromochloromethane	10.87	129	2735	0.752	ug/l	98
61) 1,2-Dibromoethane	10.98	107	2412	0.813	ug/l	95
64) Tetrachloroethene	10.61	164	3006	0.969	ug/l	88
65) Chlorobenzene	11.41	112	6895	0.864	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.48	131	2960	0.934	ug/l #	63
67) Ethyl Benzene	11.48	91	11884	0.810	ug/l	96
68) m/p-Xylenes	11.59	106	9112	1.677	ug/l	97
69) o-Xylene	11.92	106	4229	0.805	ug/l	99
70) Styrene	11.94	104	6531	0.741	ug/l #	87
71) Bromoform	12.10	173	1871	0.765	ug/l #	95
73) Isopropylbenzene	12.22	105	11812	0.940	ug/l	96
74) N-amyl acetate	12.05	43	4340	0.799	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.48	83	2977	0.893	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	3656m	1.053	ug/l	
77) Bromobenzene	12.50	156	2775	0.935	ug/l	93
78) n-propylbenzene	12.57	91	12324	0.870	ug/l	99
79) 2-Chlorotoluene	12.65	91	8437	0.969	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	9100	0.857	ug/l	94
82) 4-Chlorotoluene	12.75	91	9048	0.997	ug/l	86
83) tert-Butylbenzene	12.97	119	7737	0.888	ug/l	89
84) 1,2,4-Trimethylbenzene	13.02	105	8519	0.806	ug/l	96
85) sec-Butylbenzene	13.15	105	9432	0.859	ug/l	98
86) p-Isopropyltoluene	13.26	119	7928	0.793	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	5095	0.965	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	5461	1.011	ug/l	86
89) n-Butylbenzene	13.59	91	6859	0.765	ug/l	93
90) Hexachloroethane	13.85	117	1281m	0.707	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	4673	0.902	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.24	75	688	0.827	ug/l	85
93) 1,2,4-Trichlorobenzene	14.88	180	2265	0.780	ug/l	90
94) Hexachlorobutadiene	14.99	225	1572	1.003	ug/l	88
95) Naphthalene	15.11	128	6207	0.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	2260	0.786	ug/l #	20

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

