

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062406.D
 Acq On : 8 Jul 2020 14:37
 Operator : JC/MD
 Sample : L3216-07 .2PPB LOD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:54:58 AM

Quant Time: Jul 09 03:41:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 03:29:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	190884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	339260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110137	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	156697	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	
35) Dibromofluoromethane	7.55	113	109388	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
50) Toluene-d8	10.06	98	412652	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.38	95	135572	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	391	0.201	ug/l #	44
3) Chloromethane	2.03	50	866	0.278	ug/l	96
4) Vinyl Chloride	2.16	62	524	0.205	ug/l #	43
7) Trichlorofluoromethane	2.98	101	762	0.235	ug/l	98
15) Acrylonitrile	4.95	53	674m	0.528	ug/l	
16) Acetone	3.78	43	1933m	1.551	ug/l	
17) Carbon Disulfide	4.01	76	2535	0.413	ug/l #	75
18) Methyl Acetate	4.29	43	1181	0.380	ug/l #	56
20) Methylene Chloride	4.49	84	1030m	0.386	ug/l	
23) Vinyl Acetate	5.85	43	5703	0.756	ug/l #	76
25) 2-Butanone	6.79	43	1822	1.001	ug/l #	53
26) 2,2-Dichloropropane	6.77	77	992m	0.275	ug/l	
29) Tetrahydrofuran	7.16	42	1082m	0.883	ug/l	
40) Benzene	8.00	78	2193	0.218	ug/l	95
42) 1,2-Dichloroethane	8.09	62	981	0.266	ug/l #	78
43) Isopropyl Acetate	8.12	43	1284	0.203	ug/l #	57
51) 4-Methyl-2-Pentanone	9.96	43	3628	0.962	ug/l	89
52) Toluene	10.12	92	1236	0.212	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	997	0.734	ug/l #	67
59) 2-Hexanone	10.73	43	2794	1.021	ug/l	82
64) Tetrachloroethene	10.60	164	420	0.236	ug/l	94
65) Chlorobenzene	11.41	112	1377	0.237	ug/l	94
67) Ethyl Benzene	11.49	91	2228	0.204	ug/l	95
68) m/p-Xylenes	11.59	106	1475	0.382	ug/l	97
73) Isopropylbenzene	12.23	105	1807	0.212	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.48	83	611	0.213	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	589m	0.218	ug/l	
78) n-propylbenzene	12.57	91	2420	0.243	ug/l	79
79) 2-Chlorotoluene	12.65	91	1430	0.237	ug/l	89
80) 1,3,5-Trimethylbenzene	12.71	105	1538	0.220	ug/l	86
82) 4-Chlorotoluene	12.75	91	1693	0.276	ug/l	86
83) tert-Butylbenzene	12.97	119	1197	0.202	ug/l #	86
85) sec-Butylbenzene	13.15	105	1724	0.219	ug/l	81
87) 1,3-Dichlorobenzene	13.26	146	825	0.247	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.34	146	981m	0.285	ug/l	
89) n-Butylbenzene	13.59	91	1412	0.236	ug/l #	84
91) 1,2-Dichlorobenzene	13.63	146	758	0.235	ug/l	83
95) Naphthalene	15.11	128	1517	0.369	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.29	180	355	0.234	ug/l #	56

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

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