

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070035.D
 Acq On : 13 Dec 2021 16:29
 Operator : JC/MD
 Sample : M4914-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SEMI-ANNUAL-CONDENSATE

Quant Time: Dec 14 05:27:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

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

Internal Standards						
1) Bromochloromethane	7.659	128	166626	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	903414	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.744	117	794042	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	443025	30.002	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.000%			
60) 4-Bromofluorobenzene	12.731	95	365993	28.012	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.367%			
63) Toluene-d8	10.443	98	1096176	29.873	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.567%			
Target Compounds						
					Qvalue	
15) Acetone	4.290	58	356574	145.349	ug/l	77
16) Carbon Disulfide	4.535	76	15847m	0.553	ug/l	
23) tert-Butyl Alcohol	5.323	59	225921	105.710	ug/l	# 100
25) Chloroform	7.820	83	715236	33.353	ug/l	99
30) 2-Butanone	7.337	43	2375232	221.938	ug/l	# 89
34) Benzene	8.461	78	415228	9.029	ug/l	# 88
41) Bromodichloromethane	9.762	83	55015	3.217	ug/l	99
58) 4-Methyl-2-Pentanone	10.333	43	125868	6.906	ug/l	# 92
62) Toluene	10.505	91	1384193	29.641	ug/l	98
64) Chlorobenzene	11.771	112	62322	2.249	ug/l	98
66) Ethyl Benzene	11.846	91	587025	11.307	ug/l	100
67) m/p-Xylenes	11.950	106	242142	12.766	ug/l	93
68) o-Xylene	12.280	106	124931	6.657	ug/l	92
70) Isopropylbenzene	12.578	105	81980	1.665	ug/l	100
74) n-propylbenzene	12.921	91	61501	1.078	ug/l	99
76) 1,3,5-Trimethylbenzene	13.058	105	156792	3.876	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	351889	8.995	ug/l	# 82
81) sec-Butylbenzene	13.503	105	30417	0.621	ug/l	62
82) p-Isopropyltoluene	13.616	119	2664185	68.257	ug/l	97
84) 1,4-Dichlorobenzene	13.696	146	315054	16.947	ug/l	97
85) n-Butylbenzene	13.943	91	31919m	0.979	ug/l	
89) 1,2,4-Trichlorobenzene	15.265	180	18898	2.188	ug/l	# 96
91) Naphthalene	15.507	128	304119	17.553	ug/l	100
92) 1,2,3-Trichlorobenzene	15.700	180	20037	2.455	ug/l	89

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

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