

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063039.D
 Acq On : 20 Aug 2020 16:24
 Operator : JC/MD
 Sample : L3766-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200819016-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:21:00 AM

Quant Time: Aug 21 06:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	31081	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	156300	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	145795	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	65699	29.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.43%
60) 4-Bromofluorobenzene	12.38	95	60348	26.19	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.30%
63) Toluene-d8	10.06	98	189844	28.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	94.57%

Target Compounds

					Ovalue
4) Vinyl Chloride	2.16	62	925	0.374	ug/l 98
8) Diethyl Ether	3.37	74	3152	3.175	ug/l 98
15) Acetone	3.77	58	28987	118.313	ug/l # 57
23) tert-Butyl Alcohol	4.73	59	1524237	5496.005	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	14867m	2.794	ug/l
30) 2-Butanone	6.78	43	99066	93.638	ug/l # 86
31) 2,2-Dichloropropane	6.78	77	90842	32.925	ug/l # 53
34) Benzene	8.00	78	26982	3.709	ug/l # 52
45) 1,4-Dioxane	9.17	88	3200	100.788	ug/l 99
58) 4-Methyl-2-Pentanone	9.95	43	13841	6.599	ug/l # 81
62) Toluene	10.13	91	15931	2.062	ug/l 98
64) Chlorobenzene	11.41	112	3629	0.759	ug/l 98
67) m/p-Xylenes	11.59	106	22307	7.069	ug/l 98
68) o-Xylene	11.92	106	14962	4.936	ug/l 97
76) 1,3,5-Trimethylbenzene	12.71	105	4668	0.663	ug/l 100
80) 1,2,4-Trimethylbenzene	13.02	105	14639	2.137	ug/l 98
82) p-Isopropyltoluene	13.26	119	11728	1.622	ug/l 98
84) 1,4-Dichlorobenzene	13.34	146	14538	3.831	ug/l 99
87) 1,2-Dichlorobenzene	13.63	146	1303	0.350	ug/l 90
91) Naphthalene	15.11	128	5341	1.317	ug/l 98

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

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