

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056692.D
 Acq On : 12 Jul 2019 16:41
 Operator : JC/SP
 Sample : K3779-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390711759.3-VOA

Quant Time: Jul 16 10:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	49446	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	271649	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	229228	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	104689	31.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.20%
60) 4-Bromofluorobenzene	12.40	95	93374	26.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.73%
63) Toluene-d8	10.09	98	320563	30.61	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.03%

Target Compounds

					Ovalue
8) Diethyl Ether	3.41	74	17463	9.008	ug/l 100
23) tert-Butyl Alcohol	4.79	59	131837	219.774	ug/l # 100
45) 1,4-Dioxane	9.20	88	12084	169.512	ug/l 95
62) Toluene	10.15	91	12094	0.898	ug/l 94
64) Chlorobenzene	11.43	112	69947	8.518	ug/l 100
66) Ethyl Benzene	11.51	91	36023	2.475	ug/l 99
67) m/p-Xylenes	11.62	106	19076	3.473	ug/l 100
68) o-Xylene	11.94	106	19732	3.683	ug/l 98
70) Isopropylbenzene	12.25	105	11685	0.832	ug/l 99
74) n-propylbenzene	12.59	91	4032	0.255	ug/l 96
75) 2-Chlorotoluene	12.67	91	5709	0.598	ug/l 88
76) 1,3,5-Trimethylbenzene	12.73	105	4267	0.356	ug/l 99
80) 1,2,4-Trimethylbenzene	13.04	105	18562	1.563	ug/l 100
82) p-Isopropyltoluene	13.29	119	4881	0.398	ug/l 95
84) 1,4-Dichlorobenzene	13.36	146	35059	5.980	ug/l 98
87) 1,2-Dichlorobenzene	13.65	146	2974	0.484	ug/l 97
91) Naphthalene	15.13	128	41771	4.698	ug/l 99

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

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