

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058682.D
 Acq On : 10 Oct 2019 22:14
 Operator : JC/SP
 Sample : K5307-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 391009764.2-VOA

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 2:47:11 PM

Quant Time: Oct 11 09:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	66289	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	403581	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	324980	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	192482	34.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	114.03%
60) 4-Bromofluorobenzene	12.41	95	157834	27.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.53%
63) Toluene-d8	10.09	98	479191	31.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	2180	0.607 ug/l	98
8) Diethyl Ether	3.38	74	34073	14.638 ug/l	91
15) Acetone	3.82	58	3085m	4.753 ug/l	
24) Methyl tert-Butyl Ether	5.01	73	12386m	0.957 ug/l	
34) Benzene	8.02	78	44614	2.385 ug/l #	1
45) 1,4-Dioxane	9.20	88	8099	92.409 ug/l #	89
62) Toluene	10.15	91	16738	0.958 ug/l	98
64) Chlorobenzene	11.43	112	145936	13.655 ug/l	99
66) Ethyl Benzene	11.51	91	43712	2.258 ug/l	99
67) m/p-Xylenes	11.63	106	29867	4.130 ug/l	91
68) o-Xylene	11.95	106	33693	4.806 ug/l	100
70) Isopropylbenzene	12.25	105	31499	1.664 ug/l	100
74) n-propylbenzene	12.60	91	19534	0.882 ug/l	99
75) 2-Chlorotoluene	12.68	91	11515	0.864 ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	6963	0.430 ug/l	93
80) 1,2,4-Trimethylbenzene	13.05	105	36109	2.242 ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	75995	9.146 ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	6681	0.813 ug/l	95
91) Naphthalene	15.13	128	228885	14.949 ug/l	99

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

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