

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081019\
 Data File : VN057174.D
 Acq On : 10 Aug 2019 14:15
 Operator : JC/SP
 Sample : K4271-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 3:55:56 PM

Quant Time: Aug 12 01:26:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.59	128	178852	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	970500	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	821717	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.44	65	346041	29.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.93%
60) 4-Bromofluorobenzene	11.92	95	328781	26.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.57%
63) Toluene-d8	9.56	98	1152292	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
12) Methyl Acetate	3.89	43	1721676	161.213	ug/l 99
15) Acetone	3.47	58	2462599	1665.322	ug/l 96
16) Carbon Disulfide	3.72	76	11997	0.434	ug/l 97
20) Diisopropyl ether	5.31	45	60641m	1.967	ug/l
25) Chloroform	6.76	83	299713	15.183	ug/l 99
30) 2-Butanone	6.21	43	114411	19.912	ug/l 97
41) Bromodichloromethane	8.85	83	42466	2.889	ug/l # 90
47) n-amyl Acetate	11.58	43	3892	0.275	ug/l # 75
53) Dibromochloromethane	10.39	129	6400	0.538	ug/l 99
59) 2-Hexanone	10.24	43	270869	35.691	ug/l 98
61) Tetrachloroethene	10.11	164	7770	0.616	ug/l 94
67) m/p-Xylenes	11.13	106	4729	0.250	ug/l 89
82) p-Isopropyltoluene	12.82	119	14625	0.355	ug/l 92
83) 1,3-Dichlorobenzene	12.81	146	6113	0.313	ug/l 94
84) 1,4-Dichlorobenzene	12.90	146	8497	0.468	ug/l 94
85) n-Butylbenzene	13.15	91	16221	0.545	ug/l 96
87) 1,2-Dichlorobenzene	13.19	146	7040	0.364	ug/l 96
89) 1,2,4-Trichlorobenzene	14.45	180	9936	9.909	ug/l 96
91) Naphthalene	14.67	128	19883	1.354	ug/l # 95
92) 1,2,3-Trichlorobenzene	14.84	180	13086	9.627	ug/l 91

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

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