

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014698.D
 Acq On : 24 Jan 2020 15:31
 Operator : JC/SP
 Sample : L1256-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-1

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 10:35:35 AM

Quant Time: Jan 24 23:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	69728	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.85	114	374088	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	342075	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	149913	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	11.14	95	161690	29.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.47%
63) Toluene-d8	8.71	98	457967	29.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.80%

Target Compounds

					Ovalue
15) Acetone	2.43	58	58743	73.440 ug/l	90
23) tert-Butyl Alcohol	3.02	59	316186	320.434 ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	33671	2.621 ug/l	94
30) 2-Butanone	4.66	43	84652	24.358 ug/l	98
34) Benzene	6.14	78	69645	4.108 ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	54937	8.528 ug/l	100
59) 2-Hexanone	9.49	43	8030	1.612 ug/l	97
62) Toluene	8.78	91	296299	16.326 ug/l	99
66) Ethyl Benzene	10.25	91	66375	3.358 ug/l	99
67) m/p-Xylenes	10.35	106	94296	12.453 ug/l	98
68) o-Xylene	10.70	106	55811	7.569 ug/l	96
70) Isopropylbenzene	11.01	105	6662m	0.345 ug/l	
74) n-propylbenzene	11.35	91	14251	0.646 ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	24070	1.495 ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	93647	5.833 ug/l	99
82) p-Isopropyltoluene	12.06	119	10871	0.639 ug/l	92
91) Naphthalene	13.83	128	3435238	191.117 ug/l	100

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

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