

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020720\
 Data File : VX014870.D
 Acq On : 07 Feb 2020 14:51
 Operator : JC/SP
 Sample : L1420-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400205799-VOA

Manual Integrations
 APPROVED

MMDadoda
 2/10/2020 10:49:36 AM

Quant Time: Feb 07 22:45:38 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	65769	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	377012	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	342173	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	146898	31.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.93%
60) 4-Bromofluorobenzene	11.13	95	161147	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	8.71	98	449091	29.06	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.87%

Target Compounds

					Ovalue
8) Diethyl Ether	2.17	74	8479	3.138 ug/l	91
23) tert-Butyl Alcohol	3.02	59	7580800	8145.110 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	37759	3.116 ug/l	92
34) Benzene	6.13	78	35402	2.072 ug/l #	90
36) 1,2-Dichloroethane	6.19	62	4048	0.681 ug/l #	77
45) 1,4-Dioxane	7.73	88	14234	139.119 ug/l	95
58) 4-Methyl-2-Pentanone	8.64	43	54313m	8.429 ug/l	
62) Toluene	8.78	91	45416	2.502 ug/l	99
64) Chlorobenzene	10.14	112	10904m	0.962 ug/l	
67) m/p-Xylenes	10.35	106	61140	8.072 ug/l	95
68) o-Xylene	10.70	106	43435	5.889 ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	15014	0.933 ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	47252	2.943 ug/l	98
82) p-Isopropyltoluene	12.06	119	11673	0.686 ug/l	91
84) 1,4-Dichlorobenzene	12.09	146	47897	5.402 ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	4765	0.528 ug/l	94
91) Naphthalene	13.83	128	39002	2.169 ug/l	98

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

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