

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015126.D
 Acq On : 06 Mar 2020 14:54
 Operator : JC/SP
 Sample : L1802-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400304782.2-VOA

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:39:24 AM

Quant Time: Mar 09 11:19:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	61265	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	322325	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	297105	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	128281	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	11.13	95	134591	29.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.97%
63) Toluene-d8	8.71	98	390223	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Diethyl Ether	2.18	74	17399	7.464	ug/l	98
15) Acetone	2.43	58	3727	5.754	ug/l	97
23) tert-Butyl Alcohol	3.02	59	4146086	5778.905	ug/l #	100
24) Methyl tert-Butyl Ether	3.18	73	19200	1.792	ug/l #	84
34) Benzene	6.14	78	38197	2.777	ug/l	94
45) 1,4-Dioxane	7.73	88	6383	86.302	ug/l #	84
62) Toluene	8.78	91	35452	2.330	ug/l	99
64) Chlorobenzene	10.14	112	6731m	0.693	ug/l	
66) Ethyl Benzene	10.25	91	13450	0.802	ug/l	99
67) m/p-Xylenes	10.35	106	46816	7.242	ug/l	98
68) o-Xylene	10.70	106	41758	6.676	ug/l	98
70) Isopropylbenzene	11.01	105	3693	0.222	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	12451	0.894	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	31845	2.300	ug/l	97
82) p-Isopropyltoluene	12.06	119	12790	0.855	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	20215	2.551	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	1719	0.220	ug/l	78

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

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