

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018488.D
 Acq On : 18 Sep 2020 13:29
 Operator : JC/SP
 Sample : L4050-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200916080-01-VOA

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:47 AM

Quant Time: Sep 21 07:00:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	75980	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	391884	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	370903	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	181034	30.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.67%
60) 4-Bromofluorobenzene	11.12	95	180573	28.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.63%
63) Toluene-d8	8.70	98	466327	28.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.10%

Target Compounds

					Ovalue
8) Diethyl Ether	2.17	74	7028	2.925 ug/l	87
15) Acetone	2.42	58	123762	199.672 ug/l	79
23) tert-Butyl Alcohol	3.01	59	5328504	5393.721 ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	32048	2.359 ug/l #	83
30) 2-Butanone	4.64	43	877908	268.030 ug/l	96
34) Benzene	6.12	78	61675	3.612 ug/l	97
45) 1,4-Dioxane	7.72	88	9505	108.396 ug/l #	95
58) 4-Methyl-2-Pentanone	8.62	43	23907m	3.748 ug/l	
59) 2-Hexanone	9.48	43	6043m	1.251 ug/l	
62) Toluene	8.76	91	78523	4.207 ug/l	98
64) Chlorobenzene	10.12	112	14214	1.185 ug/l	99
66) Ethyl Benzene	10.24	91	43965	2.132 ug/l	99
67) m/p-Xylenes	10.34	106	67793	8.595 ug/l	97
68) o-Xylene	10.68	106	40935	5.492 ug/l	98
70) Isopropylbenzene	11.00	105	5165	0.249 ug/l	90
76) 1,3,5-Trimethylbenzene	11.49	105	13979	0.774 ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	47004	2.632 ug/l	95
82) p-Isopropyltoluene	12.05	119	50525	2.667 ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	41875	4.125 ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	3322	0.349 ug/l	96
91) Naphthalene	13.82	128	714423	35.592 ug/l	99

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

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