

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007452.D
 Acq On : 08 Feb 2019 19:42
 Operator : JC/SP
 Sample : K1451-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:39:46 AM

Quant Time: Feb 11 09:43:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	74081	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	398281	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	348691	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	146883	30.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.70%
60) 4-Bromofluorobenzene	11.13	95	152563	28.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.50%
63) Toluene-d8	8.71	98	466258	29.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.90%

Target Compounds

					Ovalue
15) Acetone	2.45	58	19189	27.692 ug/l	93
25) Chloroform	5.21	83	13949m	1.909 ug/l	
26) Cyclohexane	5.57	56	68237	11.462 ug/l #	94
30) 2-Butanone	4.71	43	25272	8.146 ug/l #	94
34) Benzene	6.14	78	93046	5.810 ug/l	95
38) Methylcyclohexane	7.46	83	52424	7.967 ug/l	90
62) Toluene	8.78	91	12161	0.693 ug/l	97
66) Ethyl Benzene	10.25	91	10596m	0.557 ug/l	
67) m/p-Xylenes	10.36	106	25609	3.410 ug/l	96
68) o-Xylene	10.69	106	3989	0.542 ug/l	89
70) Isopropylbenzene	11.02	105	12709	0.653 ug/l	98
74) n-propylbenzene	11.36	91	26901	1.227 ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	7167	0.435 ug/l	94
91) Naphthalene	13.83	128	25894	1.306 ug/l	96

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

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