

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013421.D
 Acq On : 14 Nov 2019 14:49
 Operator : JC/SP
 Sample : K5828-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REP111319

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:21:20 AM

Quant Time: Nov 15 06:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	111945	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	624931	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	540617	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	244506	29.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.60%
60) 4-Bromofluorobenzene	11.14	95	238909	27.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.63%
63) Toluene-d8	8.71	98	745051	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	29607	2.850	ug/l 100
10) 1,1-Dichloroethene	2.36	96	22750	3.291	ug/l 95
15) Acetone	2.43	58	2861	2.120	ug/l 88
19) trans-1,2-Dichloroethene	3.15	96	219005	29.640	ug/l 97
20) Diisopropyl ether	3.85	45	20294	0.829	ug/l # 66
22) cis-1,2-Dichloroethene	4.59	96	6983122	828.940	ug/l 87
23) tert-Butyl Alcohol	3.03	59	16282m	7.594	ug/l
24) Methyl tert-Butyl Ether	3.19	73	389370	17.016	ug/l 100
34) Benzene	6.14	78	23095	0.798	ug/l 96
37) Trichloroethene	7.21	130	1442679	186.001	ug/l 97
50) 1,1,2-Trichloroethane	9.21	97	8889	1.206	ug/l 91
61) Tetrachloroethene	9.33	164	222472	33.372	ug/l 98
64) Chlorobenzene	10.14	112	6983	0.371	ug/l 96

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

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