

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111419\
 Data File : VX013422.D
 Acq On : 14 Nov 2019 15:12
 Operator : JC/SP
 Sample : K5804-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GE-MW-58-1S

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:07:48 PM

Quant Time: Nov 15 23:15:09 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	5.00	128	105665	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	601363	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	540508	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	225259	28.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.23%
60) 4-Bromofluorobenzene	11.14	95	265273	30.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.80%
63) Toluene-d8	8.71	98	733862	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.40	62	22639	2.309	ug/l 94
22) cis-1,2-Dichloroethene	4.59	96	56559	7.113	ug/l 89
23) tert-Butyl Alcohol	3.03	59	10373	5.126	ug/l # 100
26) Cyclohexane	5.57	56	798191	69.797	ug/l # 95
34) Benzene	6.14	78	23173	0.832	ug/l # 93
35) Methacrylonitrile	5.06	41	6531	1.079	ug/l # 59
37) Trichloroethene	7.21	130	13567	1.818	ug/l 99
38) Methylcyclohexane	7.46	83	1295577	115.036	ug/l 91
62) Toluene	8.78	91	27608	0.917	ug/l 96
66) Ethyl Benzene	10.24	91	18669378m	564.446	ug/l
67) m/p-Xylenes	10.35	106	13487682m	1057.131	ug/l
68) o-Xylene	10.70	106	750704	60.967	ug/l 100
70) Isopropylbenzene	11.01	105	5856168	180.491	ug/l 99
74) n-propylbenzene	11.35	91	13159717	356.897	ug/l 82
76) 1,3,5-Trimethylbenzene	11.50	105	13515356	495.575	ug/l 77
79) tert-butylbenzene	11.77	119	13646	0.496	ug/l 82
80) 1,2,4-Trimethylbenzene	11.80	105	13602494	500.510	ug/l 70
81) sec-Butylbenzene	11.95	105	836908	26.658	ug/l 100
82) p-Isopropyltoluene	12.06	119	438472	15.159	ug/l 98
85) n-Butylbenzene	12.38	91	2036053m	81.558	ug/l
91) Naphthalene	13.82	128	15083340m	459.310	ug/l

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

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