

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019482.D
 Acq On : 19 Nov 2020 21:37
 Operator : JC/MD
 Sample : L4827-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201118060-02-VOA

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:17 PM

Quant Time: Nov 20 11:39:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46319	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	250223	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	226597	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	100445	30.17	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.57%
60) 4-Bromofluorobenzene	11.12	95	105538	28.56	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.20%
63) Toluene-d8	8.70	98	303966	30.09	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.30%

Target Compounds

					Ovalue
4) Vinyl Chloride	1.39	62	1239	0.393	ug/l 90
8) Diethyl Ether	2.17	74	9215	5.025	ug/l 95
15) Acetone	2.43	58	7772	17.847	ug/l 91
22) cis-1,2-Dichloroethene	4.56	96	1436m	0.433	ug/l
23) tert-Butyl Alcohol	3.04	59	2458816	3817.501	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	23296	2.642	ug/l # 84
34) Benzene	6.11	78	30145	2.524	ug/l 95
36) 1,2-Dichloroethane	6.17	62	1592	0.385	ug/l 97
45) 1,4-Dioxane	7.72	88	6040	88.815	ug/l 97
58) 4-Methyl-2-Pentanone	8.62	43	24286	6.709	ug/l # 76
62) Toluene	8.76	91	19249	1.519	ug/l 98
64) Chlorobenzene	10.12	112	7294	0.945	ug/l # 86
66) Ethyl Benzene	10.23	91	26243	1.890	ug/l 97
67) m/p-Xylenes	10.34	106	31188	5.996	ug/l 96
68) o-Xylene	10.68	106	23831	4.834	ug/l 99
70) Isopropylbenzene	11.00	105	7382	0.552	ug/l 96
76) 1,3,5-Trimethylbenzene	11.49	105	7197	0.636	ug/l 99
80) 1,2,4-Trimethylbenzene	11.79	105	16750	1.472	ug/l 99
82) p-Isopropyltoluene	12.05	119	6312	0.532	ug/l 96
84) 1,4-Dichlorobenzene	12.08	146	21540	3.462	ug/l 99
87) 1,2-Dichlorobenzene	12.37	146	1789	0.294	ug/l 94
91) Naphthalene	13.82	128	11078	0.858	ug/l 98

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

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