

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032210.D
 Acq On : 5 Jul 2018 19:25
 Operator : SY/AP
 Sample : J3867-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 5391

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:47:34 AM

Quant Time: Jul 06 17:01:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1427769	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3670745	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3651011	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.67	95	2761792	9.90	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	34195	0.18	ppbv	99
3) Chlorodifluoromethane	3.07	51	140501	0.81	ppbv	96
4) Chloromethane	3.23	50	62229	0.67	ppbv #	85
9) Propene	3.09	41	102758	1.26	ppbv	88
10) Heptane	8.33	43	162884	0.69	ppbv	97
11) Trichlorofluoromethane	4.07	101	59745	0.29	ppbv	87
13) Ethanol	3.71	45	1798432	72.96	ppbv	100
15) Acetone	3.96	43	2137746m	12.80	ppbv	
19) Isopropyl Alcohol	4.10	45	1992344	14.36	ppbv #	42
20) Methylene Chloride	4.48	84	272483	4.47	ppbv	97
26) Hexane	5.86	57	2202441	13.85	ppbv #	48
27) Carbon Disulfide	4.69	76	44450	0.28	ppbv #	79
29) Chloroform	5.93	83	23759m	0.10	ppbv	
30) Cyclohexane	7.34	84	71299	0.48	ppbv	95
34) 2-Butanone	5.41	43	428619	1.84	ppbv	99
35) Carbon Tetrachloride	7.23	117	18287m	0.07	ppbv	
36) Benzene	7.09	78	191675	0.54	ppbv	98
38) Trichloroethene	8.05	130	79137	0.57	ppbv #	84
44) 2,2,4-Trimethylpentane	8.08	57	295896	0.48	ppbv #	80
53) Toluene	10.04	91	528969	1.23	ppbv	97
58) Ethyl Benzene	12.95	91	198626	0.34	ppbv	89
59) m/p-Xylene	13.21	91	563975	1.20	ppbv	94
60) o-Xylene	13.94	91	238930	0.51	ppbv	95
74) 1,2,4-Trimethylbenzene	17.02	105	129222m	0.22	ppbv	

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

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