

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032208.D
 Acq On : 5 Jul 2018 18:06
 Operator : SY/AP
 Sample : J3867-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 539B

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:47:32 AM

Quant Time: Jul 06 05:15:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 28
 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	1519972	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3991850	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	4032210	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3214817	10.43	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	43837	0.22	ppbv	96
3) Chlorodifluoromethane	3.07	51	143642	0.77	ppbv	94
4) Chloromethane	3.23	50	55349	0.56	ppbv	93
9) Propene	3.10	41	126849	1.47	ppbv #	83
10) Heptane	8.34	43	72405m	0.29	ppbv	
11) Trichlorofluoromethane	4.07	101	59576	0.28	ppbv	88
13) Ethanol	3.73	45	719667	27.43	ppbv	100
15) Acetone	3.96	43	3488282	19.63	ppbv	98
20) Methylene Chloride	4.48	84	1303225	20.07	ppbv	96
26) Hexane	5.86	57	4119632	24.33	ppbv #	45
27) Carbon Disulfide	4.69	76	117431	0.70	ppbv #	86
29) Chloroform	5.94	83	23837m	0.10	ppbv	
30) Cyclohexane	7.34	84	55006m	0.34	ppbv	
34) 2-Butanone	5.41	43	263031	1.04	ppbv	99
35) Carbon Tetrachloride	7.22	117	20206m	0.07	ppbv	
36) Benzene	7.09	78	148062	0.38	ppbv	99
38) Trichloroethene	8.05	130	54939	0.36	ppbv	99
44) 2,2,4-Trimethylpentane	8.08	57	282516	0.42	ppbv #	82
52) Tetrachloroethene	11.47	164	10135m	0.07	ppbv	
53) Toluene	10.04	91	432676	0.93	ppbv	97
58) Ethyl Benzene	12.97	91	121025m	0.19	ppbv	
59) m/p-Xylene	13.21	91	313416m	0.60	ppbv	
60) o-Xylene	13.95	91	115564	0.22	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	146449	0.23	ppbv	90
74) 1,2,4-Trimethylbenzene	17.02	105	319782	0.50	ppbv #	77

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

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