

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070518\
 Data File : VL032225.D
 Acq On : 6 Jul 2018 8:55
 Operator : SY/AP
 Sample : J3867-01DL 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 539BDL

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:48:00 AM

Quant Time: Jul 06 17:07:30 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	1660620	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	4076300	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	4136780	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3120469	9.87	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	55491	0.25	ppbv	94
3) Chlorodifluoromethane	3.07	51	78039	0.38	ppbv	95
4) Chloromethane	3.22	50	35376	0.33	ppbv #	86
9) Propene	3.10	41	62593	0.66	ppbv	85
11) Trichlorofluoromethane	4.07	101	38514	0.16	ppbv	99
13) Ethanol	3.73	45	545997	19.05	ppbv	99
15) Acetone	3.96	43	2666342	13.73	ppbv	99
19) Isopropyl Alcohol	4.12	45	121417	0.75	ppbv #	1
20) Methylene Chloride	4.48	84	1324652	18.67	ppbv	96
26) Hexane	5.86	57	2975825	16.09	ppbv #	45
27) Carbon Disulfide	4.69	76	43266	0.24	ppbv #	56
30) Cyclohexane	7.35	84	24637m	0.14	ppbv	
34) 2-Butanone	5.41	43	116968	0.45	ppbv	100
35) Carbon Tetrachloride	7.22	117	11230m	0.04	ppbv	
36) Benzene	7.08	78	56616	0.14	ppbv #	93
38) Trichloroethene	8.05	130	18052m	0.12	ppbv	
44) 2,2,4-Trimethylpentane	8.08	57	115363	0.17	ppbv #	77
53) Toluene	10.04	91	165297	0.35	ppbv	99
58) Ethyl Benzene	12.96	91	42991m	0.06	ppbv	
59) m/p-Xylene	13.21	91	105619m	0.20	ppbv	
60) o-Xylene	13.94	91	41075	0.08	ppbv	97
74) 1,2,4-Trimethylbenzene	17.02	105	110431	0.17	ppbv #	71

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

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