

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL041218\
 Data File : VL031867.D
 Acq On : 12 Apr 2018 16:08
 Operator : SY/AP
 Sample : J2191-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GAC-INF-040218

Manual Integrations
 APPROVED

MMDadoda
 4/15/2018 3:07:23 PM

Quant Time: Apr 15 11:41:01 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL041218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Apr 13 2018
 QLast Update : Fri Apr 13 16:50:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1183560	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2388800	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.39	117	2346802	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.73	95	1916591	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.16	85	354878	1.454	ppbv	99
3) Chlorodifluoromethane	3.10	51	40272m	0.293	ppbv	
4) Chloromethane	3.25	50	20100m	0.286	ppbv	
5) Vinyl Chloride	3.39	62	7186	0.091	ppbv	89
7) Chloroethane	3.70	64	8165m	0.259	ppbv	
9) Propene	3.14	41	151531m	3.184	ppbv	
10) Heptane	8.39	43	256955	1.664	ppbv	100
11) Trichlorofluoromethane	4.11	101	1703028	7.116	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.67	101	43691	0.281	ppbv	98
13) Ethanol	3.75	45	1804551	111.711	ppbv	99
15) Acetone	4.00	43	2741121	15.048	ppbv	97
20) Methylene Chloride	4.52	84	185047	2.789	ppbv	90
24) 1,1-Dichloroethane	5.21	63	450916	2.450	ppbv	97
26) Hexane	5.91	57	466022	3.518	ppbv #	47
29) Chloroform	5.97	83	240965	1.073	ppbv	97
30) Cyclohexane	7.39	84	363355	3.841	ppbv	95
31) cis-1,2-Dichloroethene	5.77	61	239596	1.997	ppbv	96
32) 1,1,1-Trichloroethane	6.75	97	818529	3.743	ppbv	99
34) 2-Butanone	5.45	43	98960	0.597	ppbv	96
35) Carbon Tetrachloride	7.27	117	18604m	0.090	ppbv	
36) Benzene	7.14	78	24275m	0.113	ppbv	
38) Trichloroethene	8.10	130	867389	9.945	ppbv	96
52) Tetrachloroethene	11.52	164	32023	0.383	ppbv	90
53) Toluene	10.09	91	3575637	14.923	ppbv	99
59) m/p-Xylene	13.27	91	85578m	0.302	ppbv	
60) o-Xylene	14.00	91	29009m	0.103	ppbv	

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

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