

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033160.D
 Acq On : 4 Feb 2019 18:34
 Operator : SY/AP
 Sample : K1245-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 S-01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:27:58 AM

Quant Time: Feb 05 09:27:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 0
 QLast Update : Mon Feb 04 14:41:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	994680	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2247447	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2468658	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2768494	15.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	150.50%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	97747	0.667	ppbv	93
3) Chlorodifluoromethane	3.02	51	36559m	0.330	ppbv	
4) Chloromethane	3.17	50	39211	0.629	ppbv	96
10) Heptane	8.25	43	30303	0.175	ppbv	98
11) Trichlorofluoromethane	4.01	101	38858	0.275	ppbv	100
13) Ethanol	3.66	45	1851502	84.374	ppbv	98
15) Acetone	3.91	43	421984m	3.563	ppbv	
20) Methylene Chloride	4.41	84	116064	2.845	ppbv	98
26) Hexane	5.78	57	203618	1.778	ppbv #	61
29) Chloroform	5.85	83	341459	1.971	ppbv	97
30) Cyclohexane	7.25	84	12940	0.118	ppbv #	16
31) cis-1,2-Dichloroethene	5.64	61	11977	0.110	ppbv	92
34) 2-Butanone	5.34	43	82084	0.581	ppbv	100
35) Carbon Tetrachloride	7.14	117	13177m	0.092	ppbv	
36) Benzene	7.00	78	81859	0.360	ppbv	98
38) Trichloroethene	7.96	130	59408	0.720	ppbv	87
44) 2,2,4-Trimethylpentane	7.99	57	83488m	0.219	ppbv	
52) Tetrachloroethene	11.38	164	255197	3.232	ppbv	97
53) Toluene	9.95	91	369131m	1.368	ppbv	
58) Ethyl Benzene	12.87	91	62614m	0.161	ppbv	
59) m/p-Xylene	13.12	91	199573m	0.627	ppbv	
60) o-Xylene	13.85	91	83683	0.285	ppbv	93
74) 1,2,4-Trimethylbenzene	16.93	105	93532	0.271	ppbv #	80

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

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