

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033542.D
 Acq On : 4 Apr 2019 20:58
 Operator : SY/AP
 Sample : K2096-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-4

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:22:22 AM

Quant Time: Apr 05 03:19:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	877123	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1673284	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2158170	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1682321	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	112862	0.882	ppbv	93
3) Chlorodifluoromethane	3.01	51	48693m	0.482	ppbv	
4) Chloromethane	3.17	50	29085	0.544	ppbv	92
9) Propene	3.05	41	43327	1.022	ppbv #	76
10) Heptane	8.24	43	38280	0.338	ppbv	98
11) Trichlorofluoromethane	4.00	101	40849	0.259	ppbv	100
13) Ethanol	3.66	45	1906419	173.726	ppbv	64
15) Acetone	3.90	43	961062	9.113	ppbv	99
19) Isopropyl Alcohol	4.03	45	451064	6.762	ppbv #	96
20) Methylene Chloride	4.41	84	232665	5.197	ppbv	97
26) Hexane	5.78	57	434770	4.997	ppbv #	48
34) 2-Butanone	5.33	43	50893	0.506	ppbv	96
35) Carbon Tetrachloride	7.13	117	7390m	0.062	ppbv	
36) Benzene	7.00	78	20680m	0.147	ppbv	
53) Toluene	9.94	91	1402199	8.594	ppbv	100
58) Ethyl Benzene	12.86	91	18610m	0.065	ppbv	
59) m/p-Xylene	13.12	91	64475m	0.250	ppbv	
60) o-Xylene	13.84	91	25517m	0.103	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	34839	0.121	ppbv #	69

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

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