

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
 Data File : VL033454.D
 Acq On : 26 Mar 2019 2:47
 Operator : SY/AP
 Sample : K1991-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:23:11 AM

Quant Time: Mar 27 02:17:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 27 02:17:00 2019
 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	661377	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1559210	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1598648	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1250561	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	32147	0.333	ppbv	99
3) Chlorodifluoromethane	3.02	51	19627m	0.258	ppbv	
4) Chloromethane	3.17	50	23654	0.587	ppbv	95
9) Propene	3.05	41	34348	1.074	ppbv #	72
10) Heptane	8.24	43	20901	0.245	ppbv	99
11) Trichlorofluoromethane	4.00	101	29690	0.250	ppbv	98
13) Ethanol	3.65	45	555325	67.113	ppbv	65
15) Acetone	3.89	43	2799519	35.204	ppbv	98
17) tert-Butyl alcohol	4.37	59	19150m	1.310	ppbv	
19) Isopropyl Alcohol	4.03	45	92785	1.845	ppbv #	1
20) Methylene Chloride	4.41	84	28955	0.858	ppbv	93
26) Hexane	5.78	57	49990	0.762	ppbv #	46
30) Cyclohexane	7.25	84	7607m	0.147	ppbv	
34) 2-Butanone	5.33	43	252287	2.693	ppbv	100
35) Carbon Tetrachloride	7.14	117	7291m	0.066	ppbv	
36) Benzene	7.00	78	35153	0.269	ppbv #	94
41) Tetrahydrofuran	6.16	42	16175m	0.314	ppbv	
53) Toluene	9.95	91	464397	3.055	ppbv	99
59) m/p-Xylene	13.12	91	38414m	0.201	ppbv	
60) o-Xylene	13.84	91	18869m	0.102	ppbv	
61) Styrene	13.68	104	10940	0.086	ppbv	95
79) Naphthalene	22.41	128	45517m	0.250	ppbv	

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

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