

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
 Data File : VL033452.D
 Acq On : 26 Mar 2019 1:27
 Operator : SY/AP
 Sample : K1991-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:23:09 AM

Quant Time: Mar 27 02:08:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 27 02:08:59 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	644542	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1468481	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1551110	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.58	95	1223018	10.06	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	29648	0.315	ppbv	96
3) Chlorodifluoromethane	3.02	51	20586m	0.277	ppbv	
4) Chloromethane	3.17	50	25329	0.645	ppbv	96
9) Propene	3.05	41	18459	0.592	ppbv #	73
10) Heptane	8.25	43	15087m	0.181	ppbv	
11) Trichlorofluoromethane	4.00	101	28527	0.246	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	5950	0.076	ppbv	96
13) Ethanol	3.66	45	3461437	429.251	ppbv	65
15) Acetone	3.89	43	2086261	26.920	ppbv	100
17) tert-Butyl alcohol	4.37	59	12091m	0.849	ppbv	
19) Isopropyl Alcohol	4.04	45	112619	2.297	ppbv #	1
20) Methylene Chloride	4.41	84	65504	1.991	ppbv	97
25) Ethyl Acetate	5.77	43	107187	0.745	ppbv #	95
26) Hexane	5.78	57	88686	1.387	ppbv #	60
27) Carbon Disulfide	4.62	76	15336	0.202	ppbv #	68
29) Chloroform	5.85	83	22600	0.206	ppbv	100
34) 2-Butanone	5.33	43	109017	1.236	ppbv	100
35) Carbon Tetrachloride	7.12	117	7219m	0.069	ppbv	
36) Benzene	7.00	78	18837	0.153	ppbv #	79
38) Trichloroethene	7.95	130	2627m	0.057	ppbv	
41) Tetrahydrofuran	6.15	42	22986m	0.474	ppbv	
53) Toluene	9.94	91	358016	2.500	ppbv	100

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

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