

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033491.D
 Acq On : 28 Mar 2019 6:15
 Operator : SY/AP
 Sample : K1991-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VMP-5

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:56:10 AM

Quant Time: Mar 31 11:35:56 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	5.75	49	755181	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1923835	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1884023	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1426577	9.66	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.07	85	30996	0.281	ppbv	91
3) Chlorodifluoromethane	3.01	51	24215m	0.279	ppbv	
4) Chloromethane	3.17	50	9561	0.208	ppbv	96
9) Propene	3.04	41	199812m	5.473	ppbv	
11) Trichlorofluoromethane	4.00	101	174236	1.284	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.54	101	13961m	0.153	ppbv	
13) Ethanol	3.65	45	72767	7.702	ppbv	68
15) Acetone	3.90	43	200177m	2.205	ppbv	
17) tert-Butyl alcohol	4.37	59	20627m	1.235	ppbv	
20) Methylene Chloride	4.41	84	19280	0.500	ppbv #	82
24) 1,1-Dichloroethane	5.08	63	1165169	11.868	ppbv	99
26) Hexane	5.78	57	45075	0.602	ppbv #	42
27) Carbon Disulfide	4.62	76	84606	0.950	ppbv #	92
29) Chloroform	5.84	83	128073	0.997	ppbv	96
32) 1,1,1-Trichloroethane	6.61	97	3338672	27.305	ppbv	98
34) 2-Butanone	5.34	43	40828	0.353	ppbv	99
35) Carbon Tetrachloride	7.13	117	55098	0.404	ppbv	91
36) Benzene	7.00	78	16937	0.105	ppbv #	91
38) Trichloroethene	7.96	130	2471091	40.676	ppbv	98
41) Tetrahydrofuran	6.17	42	14504m	0.228	ppbv	
52) Tetrachloroethene	11.36	164	160015	2.627	ppbv	96
53) Toluene	9.94	91	225744	1.203	ppbv	99
76) 1,4-Dichlorobenzene	17.30	146	72819	0.483	ppbv	92

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

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