

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034323.D
 Acq On : 17 Oct 2019 19:22
 Operator : SY/AP
 Sample : K5409-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 2:55:06 PM

Quant Time: Oct 18 05:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 18 05:23:14 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1061207	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	2019609	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2086203	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1845735	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	41883m	0.229	ppbv	
3) Chlorodifluoromethane	2.97	51	35953m	0.289	ppbv	
4) Chloromethane	3.12	50	79397	1.079	ppbv	98
5) Vinyl Chloride	3.24	62	17907	0.255	ppbv #	77
7) Chloroethane	3.55	64	3177	0.129	ppbv #	62
9) Propene	2.99	41	1418556	25.727	ppbv	98
10) Heptane	8.17	43	193908m	1.370	ppbv	
11) Trichlorofluoromethane	3.95	101	42432	0.244	ppbv	93
13) Ethanol	3.60	45	84234m	6.823	ppbv	
15) Acetone	3.84	43	8311081	54.754	ppbv #	64
17) tert-Butyl alcohol	4.30	59	89376	0.923	ppbv	94
19) Isopropyl Alcohol	3.97	45	97917m	1.156	ppbv	
20) Methylene Chloride	4.35	84	127810	2.329	ppbv	92
22) trans-1,2-Dichloroethene	4.91	96	26886	0.541	ppbv #	76
26) Hexane	5.71	57	217507	1.991	ppbv #	39
27) Carbon Disulfide	4.56	76	532575	4.697	ppbv	98
29) Chloroform	5.78	83	110854	0.642	ppbv	96
30) Cyclohexane	7.17	84	44517	0.554	ppbv #	89
31) cis-1,2-Dichloroethene	5.57	61	972231	8.771	ppbv	95
34) 2-Butanone	5.26	43	1221209	7.398	ppbv	98
35) Carbon Tetrachloride	7.06	117	10485m	0.060	ppbv	
36) Benzene	6.93	78	411751	2.125	ppbv #	91
38) Trichloroethene	7.88	130	661477	8.507	ppbv	94
44) 2,2,4-Trimethylpentane	7.92	57	183900m	0.513	ppbv	
50) 4-Methyl-2-Pentanone	8.81	43	105955	0.448	ppbv	98
51) 2-Hexanone	10.20	43	260088	1.343	ppbv #	95
52) Tetrachloroethene	11.35	164	18169840	239.218	ppbv	92
53) Toluene	9.86	91	1575881	7.369	ppbv	99
58) Ethyl Benzene	12.79	91	522278	1.791	ppbv	99
59) m/p-Xylene	13.04	91	1532462	6.065	ppbv	98
60) o-Xylene	13.77	91	598579m	2.379	ppbv	
61) Styrene	13.60	104	36864m	0.208	ppbv	
64) n-propylbenzene	15.64	120	42509m	0.499	ppbv	
65) tert-Butylbenzene	16.85	119	47774m	0.162	ppbv	
72) 4-Ethyltoluene	15.92	105	189170	0.669	ppbv	95
73) 1,3,5-Trimethylbenzene	16.08	105	129763	0.463	ppbv	92
74) 1,2,4-Trimethylbenzene	16.85	105	408366	1.397	ppbv #	69

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

