

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034239.D
 Acq On : 8 Oct 2019 2:17
 Operator : SY/AP
 Sample : K5222-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-2

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:05:56 PM

Quant Time: Oct 09 04:20:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1098533	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1854208	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1885269	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1700780	10.38	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	102872	0.634	ppbv	98
3) Chlorodifluoromethane	2.97	51	54469m	0.423	ppbv	
4) Chloromethane	3.12	50	85889	1.135	ppbv #	85
5) Vinyl Chloride	3.24	62	22574	0.326	ppbv #	80
9) Propene	2.99	41	748421	11.777	ppbv	95
10) Heptane	8.17	43	803203	4.850	ppbv	98
11) Trichlorofluoromethane	3.95	101	39213	0.265	ppbv	88
13) Ethanol	3.60	45	1308378	85.025	ppbv	97
15) Acetone	3.84	43	1393813	9.467	ppbv #	73
19) Isopropyl Alcohol	3.97	45	154916	1.711	ppbv #	1
20) Methylene Chloride	4.35	84	162030	3.817	ppbv #	95
26) Hexane	5.71	57	1036098	8.946	ppbv #	47
30) Cyclohexane	7.17	84	346860	4.148	ppbv	96
31) cis-1,2-Dichloroethene	5.58	61	68535	0.580	ppbv #	76
34) 2-Butanone	5.27	43	233451	1.233	ppbv	96
35) Carbon Tetrachloride	7.06	117	10466	0.068	ppbv #	79
36) Benzene	6.93	78	1164894	5.688	ppbv	99
38) Trichloroethene	7.88	130	18088m	0.247	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	1155049	2.930	ppbv #	82
52) Tetrachloroethene	11.29	164	47281	0.699	ppbv	97
53) Toluene	9.87	91	4392233	19.625	ppbv	97
58) Ethyl Benzene	12.78	91	739500	2.431	ppbv	93
59) m/p-Xylene	13.03	91	2056806	8.163	ppbv	97
60) o-Xylene	13.76	91	791492	3.142	ppbv	95
61) Styrene	13.60	104	87263	0.484	ppbv	97
62) Isopropylbenzene	14.74	105	47907m	0.147	ppbv	
65) tert-Butylbenzene	16.84	119	94113	0.330	ppbv #	58
72) 4-Ethyltoluene	15.91	105	277574	0.975	ppbv	98
73) 1,3,5-Trimethylbenzene	16.07	105	250059	0.909	ppbv	98
74) 1,2,4-Trimethylbenzene	16.84	105	901950	3.089	ppbv #	68
79) Naphthalene	22.31	128	118223m	0.460	ppbv	
80) Naphthalene,2-methyl-	25.05	142	17351m	0.145	ppbv	

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

