

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033979.D
 Acq On : 26 Jun 2019 22:35
 Operator : SY/AP
 Sample : K3538-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SUB-SLAB

Manual Integrations
 APPROVED

MMDadoda
 6/29/2019 7:23:07 AM

Quant Time: Jun 27 15:00:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	815886	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1928971	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	2036049	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1751272	10.47	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	39686	0.300	ppbv	91
3) Chlorodifluoromethane	3.00	51	43056m	0.448	ppbv	
4) Chloromethane	3.15	50	28437	0.519	ppbv #	87
9) Propene	3.03	41	147858m	4.114	ppbv	
10) Heptane	8.22	43	24963m	0.275	ppbv	
11) Trichlorofluoromethane	3.99	101	44943	0.263	ppbv	90
13) Ethanol	3.64	45	181481	15.520	ppbv	99
15) Acetone	3.88	43	811920	6.823	ppbv	94
17) tert-Butyl alcohol	4.35	59	106656	1.147	ppbv #	72
19) Isopropyl Alcohol	4.02	45	41326m	0.608	ppbv	
20) Methylene Chloride	4.39	84	102633	2.212	ppbv	96
26) Hexane	5.76	57	105617	1.280	ppbv #	41
34) 2-Butanone	5.31	43	130402	1.198	ppbv	99
35) Carbon Tetrachloride	7.10	117	11838m	0.079	ppbv	
36) Benzene	6.98	78	120288	0.816	ppbv	98
41) Tetrahydrofuran	6.14	42	11839m	0.214	ppbv	
44) 2,2,4-Trimethylpentane	7.96	57	379550	1.448	ppbv #	82
52) Tetrachloroethene	11.35	164	3564m	0.069	ppbv	
53) Toluene	9.92	91	732489	4.492	ppbv	100
58) Ethyl Benzene	12.83	91	160884	0.701	ppbv	96
59) m/p-Xylene	13.09	91	480142	2.300	ppbv	99
60) o-Xylene	13.82	91	171708	0.797	ppbv	98
61) Styrene	13.65	104	22623	0.162	ppbv	87
62) Isopropylbenzene	14.79	105	237882	0.819	ppbv	98
64) n-propylbenzene	15.69	120	10749m	0.144	ppbv	
65) tert-Butylbenzene	16.89	119	31387m	0.117	ppbv	
70) n-Butylbenzene	18.69	91	50109m	0.146	ppbv	
72) 4-Ethyltoluene	15.97	105	72388m	0.295	ppbv	
73) 1,3,5-Trimethylbenzene	16.12	105	53505m	0.221	ppbv	
74) 1,2,4-Trimethylbenzene	16.89	105	300457	1.079	ppbv #	74
76) 1,4-Dichlorobenzene	17.28	146	34798m	0.217	ppbv	
79) Naphthalene	22.37	128	74053m	0.333	ppbv	

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

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