

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034426.D
 Acq On : 2 Dec 2019 15:00
 Operator : SY/AP
 Sample : K6068-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:46:44 PM

Quant Time: Dec 03 11:58:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1034480	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.26	114	2144119m	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.18	117	2106004	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1742665	9.84	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	6778019	36.218	ppbv #	52
3) Chlorodifluoromethane	2.97	51	75571m	0.585	ppbv	
9) Propene	2.99	41	502600	8.771	ppbv	95
11) Trichlorofluoromethane	3.95	101	47352	0.254	ppbv	92
13) Ethanol	3.62	45	622045	38.969	ppbv	98
15) Acetone	3.86	43	4783421	32.292	ppbv	95
17) tert-Butyl alcohol	4.33	59	549261	4.411	ppbv	99
18) 1,1-Dichloroethene	4.29	96	31396	0.580	ppbv	81
19) Isopropyl Alcohol	3.99	45	5739439	60.447	ppbv #	98
20) Methylene Chloride	4.35	84	151624	2.887	ppbv #	95
22) trans-1,2-Dichloroethene	4.90	96	371628	6.814	ppbv	95
26) Hexane	5.71	57	239004	2.104	ppbv #	39
27) Carbon Disulfide	4.56	76	113817	0.920	ppbv	95
29) Chloroform	5.78	83	3112713	16.922	ppbv	92
30) Cyclohexane	7.17	84	61400m	0.715	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	9156941	78.013	ppbv #	55
32) 1,1,1-Trichloroethane	6.56	97	9810187	56.885	ppbv	91
34) 2-Butanone	5.33	43	497137m	2.817	ppbv	
35) Carbon Tetrachloride	7.07	117	14274m	0.077	ppbv	
36) Benzene	6.95	78	555341m	2.591	ppbv	
38) Trichloroethene	8.00	130	42771167m	486.272	ppbv	
41) Tetrahydrofuran	6.15	42	164099m	1.658	ppbv	
50) 4-Methyl-2-Pentanone	8.83	43	112804	0.442	ppbv	99
51) 2-Hexanone	10.21	43	131127	0.613	ppbv #	91
52) Tetrachloroethene	11.34	164	11728804	126.473	ppbv	87
53) Toluene	9.90	91	1184458	4.865	ppbv	99
58) Ethyl Benzene	12.79	91	304185	0.931	ppbv	97
59) m/p-Xylene	13.05	91	875103	3.098	ppbv	99
60) o-Xylene	13.77	91	325241	1.164	ppbv	100
61) Styrene	13.62	104	26924m	0.134	ppbv	
64) n-propylbenzene	15.65	120	22600	0.236	ppbv	83
69) p-Isopropyltoluene	17.74	119	218839	0.568	ppbv	98
72) 4-Ethyltoluene	15.92	105	137837m	0.427	ppbv	
73) 1,3,5-Trimethylbenzene	16.08	105	96129	0.304	ppbv #	78
74) 1,2,4-Trimethylbenzene	16.85	105	405739	1.209	ppbv #	65
79) Naphthalene	22.30	128	40134m	0.138	ppbv	

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

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