

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034431.D
 Acq On : 2 Dec 2019 18:12
 Operator : SY/AP
 Sample : K6068-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:47:09 PM

Quant Time: Dec 03 11:36:52 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	5.69	49	910414	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1799461	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.16	117	1870516	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1544596	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	541457	3.287	ppbv	94
3) Chlorodifluoromethane	2.96	51	165104m	1.453	ppbv	
7) Chloroethane	3.54	64	14279m	0.627	ppbv	
9) Propene	2.99	41	267778	5.310	ppbv	84
10) Heptane	8.18	43	68504m	0.526	ppbv	
11) Trichlorofluoromethane	3.95	101	43462	0.265	ppbv #	81
13) Ethanol	3.61	45	708045	50.402	ppbv	95
15) Acetone	3.85	43	2276456	17.462	ppbv	99
17) tert-Butyl alcohol	4.32	59	416724	3.803	ppbv	99
19) Isopropyl Alcohol	3.99	45	7522300	90.020	ppbv #	98
20) Methylene Chloride	4.35	84	151221	3.271	ppbv	97
22) trans-1,2-Dichloroethene	4.90	96	246595	5.137	ppbv	94
26) Hexane	5.71	57	152360	1.524	ppbv #	48
29) Chloroform	5.78	83	2288855	14.139	ppbv	97
30) Cyclohexane	7.17	84	39688m	0.525	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	4845325	46.906	ppbv #	81
32) 1,1,1-Trichloroethane	6.55	97	2288492	15.078	ppbv	99
34) 2-Butanone	5.29	43	424974	2.869	ppbv	99
35) Carbon Tetrachloride	7.06	117	14538m	0.094	ppbv	
36) Benzene	6.93	78	161419m	0.897	ppbv	
38) Trichloroethene	7.92	130	20670383	280.016	ppbv	87
41) Tetrahydrofuran	6.10	42	220243	2.651	ppbv	96
50) 4-Methyl-2-Pentanone	8.80	43	95435m	0.445	ppbv	
51) 2-Hexanone	10.20	43	97575	0.544	ppbv #	90
52) Tetrachloroethene	11.31	164	8635070	110.947	ppbv	86
53) Toluene	9.87	91	1083784	5.304	ppbv	98
58) Ethyl Benzene	12.78	91	235754	0.812	ppbv	90
59) m/p-Xylene	13.04	91	686826m	2.737	ppbv	
60) o-Xylene	13.76	91	256861	1.035	ppbv	96
69) p-Isopropyltoluene	17.73	119	159216m	0.465	ppbv	
72) 4-Ethyltoluene	15.91	105	98276	0.343	ppbv	97
73) 1,3,5-Trimethylbenzene	16.08	105	75968m	0.271	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	317506m	1.065	ppbv	
79) Naphthalene	22.30	128	32995m	0.128	ppbv	

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

