

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034424.D
 Acq On : 2 Dec 2019 13:42
 Operator : SY/AP
 Sample : K6068-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

apatel
 12/4/2019 4:46:24 PM

Quant Time: Dec 03 11:12:22 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	1066485	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	2135682	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.15	117	2248327	10.00	ppbv	0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.49	95	1820885	9.63	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	90909	0.471	ppbv	99
3) Chlorodifluoromethane	2.97	51	35338m	0.266	ppbv	
5) Vinyl Chloride	3.23	62	4963m	0.067	ppbv	
9) Propene	2.99	41	3049465	51.620	ppbv	99
10) Heptane	8.17	43	429433	2.817	ppbv	99
11) Trichlorofluoromethane	3.95	101	46144	0.240	ppbv #	80
13) Ethanol	3.61	45	2205670	134.032	ppbv	98
15) Acetone	3.84	43	4351749	28.496	ppbv	94
17) tert-Butyl alcohol	4.32	59	743215	5.790	ppbv	99
19) Isopropyl Alcohol	3.99	45	10685391	109.160	ppbv #	98
20) Methylene Chloride	4.35	84	249817	4.613	ppbv	92
22) trans-1,2-Dichloroethene	4.90	96	67672	1.204	ppbv	96
26) Hexane	5.71	57	621854	5.310	ppbv #	43
27) Carbon Disulfide	4.56	76	109493	0.858	ppbv #	71
29) Chloroform	5.78	83	428215	2.258	ppbv	99
30) Cyclohexane	7.17	84	143930	1.626	ppbv	93
31) cis-1,2-Dichloroethene	5.57	61	650744	5.378	ppbv	99
32) 1,1,1-Trichloroethane	6.55	97	550515	3.096	ppbv	99
34) 2-Butanone	5.27	43	615980	3.504	ppbv	98
35) Carbon Tetrachloride	7.05	117	16996m	0.093	ppbv	
36) Benzene	6.93	78	668261	3.130	ppbv	98
38) Trichloroethene	7.89	130	7892798	90.089	ppbv	92
41) Tetrahydrofuran	6.09	42	68375m	0.693	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	482689	1.237	ppbv #	82
52) Tetrachloroethene	11.29	164	358607	3.882	ppbv	93
53) Toluene	9.86	91	3011665	12.419	ppbv	98
58) Ethyl Benzene	12.78	91	503610	1.443	ppbv	96
59) m/p-Xylene	13.03	91	1379167	4.573	ppbv	98
60) o-Xylene	13.76	91	466808	1.565	ppbv	97
69) p-Isopropyltoluene	17.74	119	207846	0.505	ppbv	98
72) 4-Ethyltoluene	15.91	105	113325m	0.329	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	88412m	0.262	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	324570	0.906	ppbv #	61
78) Hexachloro-1,3-Butadiene	23.46	225	29212m	0.171	ppbv	
79) Naphthalene	22.32	128	31062m	0.100	ppbv	

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

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