

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034874.D
 Acq On : 10 Mar 2020 20:19
 Operator : SY/AP
 Sample : L1861-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NS-2

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:17:40 PM

Quant Time: Mar 11 14:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 0
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	902745	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2005157	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2042239	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1627756	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	71487	0.578	ppbv	95
3) Chlorodifluoromethane	2.95	51	32033	0.318	ppbv	95
4) Chloromethane	3.11	50	39830	0.699	ppbv	94
9) Propene	2.97	41	398143	8.269	ppbv	95
10) Heptane	8.13	43	29443	0.248	ppbv #	80
11) Trichlorofluoromethane	3.93	101	30145	0.229	ppbv	100
13) Ethanol	3.59	45	2725552	186.201	ppbv	94
15) Acetone	3.82	43	1033490	8.833	ppbv #	72
19) Isopropyl Alcohol	3.96	45	161811	2.190	ppbv #	1
20) Methylene Chloride	4.32	84	57032	1.542	ppbv	94
26) Hexane	5.68	57	69080	0.770	ppbv #	50
29) Chloroform	5.74	83	148093	1.081	ppbv	94
34) 2-Butanone	5.24	43	128604	0.965	ppbv	99
36) Benzene	6.90	78	117643	0.658	ppbv	97
38) Trichloroethene	7.85	130	8873m	0.131	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	75532	0.250	ppbv #	73
50) 4-Methyl-2-Pentanone	8.76	43	83361m	0.435	ppbv	
52) Tetrachloroethene	11.25	164	49586m	0.701	ppbv	
53) Toluene	9.83	91	286321	1.387	ppbv	98
58) Ethyl Benzene	12.74	91	167242	0.605	ppbv	92
59) m/p-Xylene	13.00	91	490135m	2.115	ppbv	
60) o-Xylene	13.72	91	124287	0.549	ppbv	99
72) 4-Ethyltoluene	15.87	105	125226	0.469	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.03	105	123532m	0.494	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	409139	1.588	ppbv #	76

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

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