

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034870.D
 Acq On : 10 Mar 2020 17:40
 Operator : SY/AP
 Sample : L1861-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-2

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:17:27 PM

Quant Time: Mar 11 14:47:30 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	894743	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2005576	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1992995	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	1601121	10.30	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	18392m	0.150	ppbv	
3) Chlorodifluoromethane	2.95	51	25932	0.259	ppbv	99
4) Chloromethane	3.10	50	37927	0.671	ppbv #	88
9) Propene	2.97	41	426579m	8.939	ppbv	
10) Heptane	8.13	43	274830	2.340	ppbv	98
11) Trichlorofluoromethane	3.92	101	28905	0.222	ppbv	89
13) Ethanol	3.57	45	1668278	114.991	ppbv	94
15) Acetone	3.82	43	1640394m	14.145	ppbv	
19) Isopropyl Alcohol	3.94	45	281003	3.837	ppbv #	1
20) Methylene Chloride	4.32	84	36412	0.993	ppbv #	83
26) Hexane	5.68	57	393333	4.421	ppbv #	41
27) Carbon Disulfide	4.52	76	22773	0.226	ppbv #	65
30) Cyclohexane	7.13	84	84988	1.145	ppbv	91
34) 2-Butanone	5.23	43	112030	0.841	ppbv	99
36) Benzene	6.89	78	276959	1.549	ppbv	96
44) 2,2,4-Trimethylpentane	7.88	57	652802	2.161	ppbv	89
52) Tetrachloroethene	11.25	164	16860m	0.238	ppbv	
53) Toluene	9.82	91	1252326	6.066	ppbv	99
58) Ethyl Benzene	12.74	91	288884	1.070	ppbv	99
59) m/p-Xylene	12.99	91	786455	3.478	ppbv	98
60) o-Xylene	13.72	91	275852	1.249	ppbv	96
72) 4-Ethyltoluene	15.88	105	131348m	0.504	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	92661m	0.380	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	380405	1.513	ppbv #	75

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

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