

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031020\
 Data File : VL034866.D
 Acq On : 10 Mar 2020 15:01
 Operator : SY/AP
 Sample : L1861-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 O-1

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:17:18 PM

Quant Time: Mar 11 14:40:46 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	5.67	49	803999	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2016045	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.11	117	2019785	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1618765	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	23454m	0.213	ppbv	
3) Chlorodifluoromethane	2.94	51	25232m	0.281	ppbv	
4) Chloromethane	3.10	50	48194	0.949	ppbv #	86
9) Propene	2.97	41	8921171	208.048	ppbv	89
10) Heptane	8.15	43	8131041	77.047	ppbv	92
11) Trichlorofluoromethane	3.93	101	31245	0.267	ppbv	96
13) Ethanol	3.59	45	6751446	517.885	ppbv	98
15) Acetone	3.82	43	9643906	92.547	ppbv #	31
17) tert-Butyl alcohol	4.29	59	2554568	25.445	ppbv #	72
19) Isopropyl Alcohol	3.96	45	1360076	20.668	ppbv #	85
20) Methylene Chloride	4.33	84	226400	6.872	ppbv #	89
26) Hexane	5.71	57	13661276	170.885	ppbv #	40
27) Carbon Disulfide	4.54	76	52642	0.580	ppbv #	70
30) Cyclohexane	7.15	84	176643	2.648	ppbv #	1
32) 1,1,1-Trichloroethane	6.53	97	22083m	0.186	ppbv	
34) 2-Butanone	5.24	43	825633	6.163	ppbv	99
35) Carbon Tetrachloride	7.04	117	7874m	0.063	ppbv	
36) Benzene	6.91	78	395643	2.202	ppbv #	90
52) Tetrachloroethene	11.25	164	56481m	0.794	ppbv	
53) Toluene	9.83	91	2408954	11.609	ppbv	100
58) Ethyl Benzene	12.74	91	469615	1.717	ppbv	96
59) m/p-Xylene	13.00	91	2738910	11.952	ppbv	99
60) o-Xylene	13.72	91	433216	1.936	ppbv	99
62) Isopropylbenzene	14.70	105	70105m	0.207	ppbv	
64) n-propylbenzene	15.59	120	53738	0.610	ppbv	87
67) sec-Butylbenzene	17.33	105	51041m	0.124	ppbv	
70) n-Butylbenzene	18.59	91	95639m	0.273	ppbv	
72) 4-Ethyltoluene	15.87	105	256426	0.970	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	198739m	0.803	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	709705	2.785	ppbv #	77
78) Hexachloro-1,3-Butadiene	23.41	225	31111m	0.250	ppbv	
79) Naphthalene	22.26	128	54093m	0.272	ppbv	
80) Naphthalene,2-methyl-	25.01	142	14774	0.284	ppbv	95

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

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