

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034800.D
 Acq On : 5 Mar 2020 17:50
 Operator : SY/AP
 Sample : L1698-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6-4

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:18:55 AM

Quant Time: Mar 06 05:41:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1018902	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	2120652	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	2176409	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1846742	10.18	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	88080	0.530	ppbv #	88
3) Chlorodifluoromethane	2.95	51	51827m	0.446	ppbv	
4) Chloromethane	3.10	50	24817m	0.397	ppbv	
9) Propene	2.97	41	57416m	1.257	ppbv	
10) Heptane	8.13	43	390562	3.363	ppbv	99
11) Trichlorofluoromethane	3.92	101	183455	1.233	ppbv	90
13) Ethanol	3.58	45	759590	48.520	ppbv	100
15) Acetone	3.82	43	11768703	96.455	ppbv #	53
17) tert-Butyl alcohol	4.28	59	33645m	0.350	ppbv	
19) Isopropyl Alcohol	3.95	45	1504608	20.581	ppbv #	93
20) Methylene Chloride	4.33	84	185164	4.252	ppbv	94
26) Hexane	5.67	57	185495	2.014	ppbv #	54
29) Chloroform	5.75	83	36405m	0.235	ppbv	
30) Cyclohexane	7.13	84	41522m	0.589	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	23805m	0.252	ppbv	
34) 2-Butanone	5.23	43	224937	1.630	ppbv	99
35) Carbon Tetrachloride	7.02	117	11819m	0.074	ppbv	
36) Benzene	6.89	78	95650	0.528	ppbv #	94
38) Trichloroethene	7.84	130	88478	1.253	ppbv	93
44) 2,2,4-Trimethylpentane	7.87	57	163682	0.517	ppbv #	48
50) 4-Methyl-2-Pentanone	8.75	43	139970	0.708	ppbv	98
52) Tetrachloroethene	11.25	164	1266832	18.922	ppbv	97
53) Toluene	9.82	91	2721206	14.189	ppbv	99
58) Ethyl Benzene	12.74	91	232797	0.868	ppbv	100
59) m/p-Xylene	12.99	91	732051	3.153	ppbv	98
60) o-Xylene	13.72	91	264513	1.126	ppbv	95
64) n-propylbenzene	15.59	120	16694m	0.193	ppbv	
65) tert-Butylbenzene	16.79	119	40436m	0.138	ppbv	
72) 4-Ethyltoluene	15.87	105	100011m	0.382	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	90387	0.360	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.80	105	338003	1.239	ppbv #	65
79) Naphthalene	22.26	128	23762m	0.116	ppbv	

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

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