

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035544.D
 Acq On : 3 Sep 2020 23:51
 Operator : SY/AP
 Sample : L3898-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-6

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:13:00 PM

Quant Time: Sep 05 15:18:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1011059	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4396351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4421560	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3255744	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	75416	0.430	ppbv	97
3) Chlorodifluoromethane	3.00	51	144510m	1.292	ppbv	
4) Chloromethane	3.15	50	33188	0.554	ppbv	90
9) Propene	3.03	41	164456	3.815	ppbv #	68
10) Heptane	8.15	43	36136	0.312	ppbv	99
11) Trichlorofluoromethane	3.96	101	2071398	8.107	ppbv	99
13) Ethanol	3.63	45	1154097	107.975	ppbv	97
15) Acetone	3.86	43	7789839	69.858	ppbv #	79
19) Isopropyl Alcohol	3.99	45	1144186	17.200	ppbv #	93
20) Methylene Chloride	4.36	84	2374317	28.588	ppbv	96
26) Hexane	5.71	57	1073768	9.620	ppbv #	50
29) Chloroform	5.78	83	127730	0.562	ppbv	95
30) Cyclohexane	7.15	84	39079	0.327	ppbv	94
32) 1,1,1-Trichloroethane	6.54	97	7639	0.035	ppbv	92
34) 2-Butanone	5.27	43	133023	1.020	ppbv	98
35) Carbon Tetrachloride	7.05	117	15358m	0.070	ppbv	
36) Benzene	6.92	78	129971	0.457	ppbv	96
37) 1,2-Dichloroethane	6.34	62	18646m	0.137	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	182348	0.487	ppbv #	89
50) 4-Methyl-2-Pentanone	8.79	43	36057	0.191	ppbv	93
52) Tetrachloroethene	11.25	164	16444m	0.099	ppbv	
53) Toluene	9.84	91	1117972	3.124	ppbv	98
58) Ethyl Benzene	12.75	91	111806	0.245	ppbv	93
59) m/p-Xylene	13.01	91	353108m	0.927	ppbv	
60) o-Xylene	13.73	91	134477	0.350	ppbv	95
64) n-propylbenzene	15.61	120	18065m	0.096	ppbv	
65) tert-Butylbenzene	16.80	119	72341	0.126	ppbv #	77
69) p-Isopropyltoluene	17.70	119	76414	0.114	ppbv	91
70) n-Butylbenzene	18.61	91	101439	0.157	ppbv #	7
72) 4-Ethyltoluene	15.88	105	104870	0.215	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.04	105	197235	0.437	ppbv	91
74) 1,2,4-Trimethylbenzene	16.81	105	594384	1.200	ppbv #	72
76) 1,4-Dichlorobenzene	17.18	146	131653	0.364	ppbv	95
79) Naphthalene	22.26	128	991103	1.803	ppbv	94

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

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