

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\
 Data File : VL032935.D
 Acq On : 7 Dec 2018 15:14
 Operator : SY/AP
 Sample : J6262-01DUP
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:08:49 AM

Quant Time: Dec 10 20:05:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 0
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1246124	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3144587	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3045703	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2459938	10.93	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	31902	0.192	ppbv	96
3) Chlorodifluoromethane	3.02	51	46206m	0.490	ppbv	
4) Chloromethane	3.18	50	45927	0.836	ppbv	97
9) Propene	3.05	41	74539m	1.997	ppbv	
10) Heptane	8.26	43	54366	0.388	ppbv	94
11) Trichlorofluoromethane	4.00	101	39039	0.249	ppbv	99
13) Ethanol	3.66	45	1538815	119.767	ppbv	96
15) Acetone	3.90	43	2302754	21.529	ppbv	99
19) Isopropyl Alcohol	4.03	45	851846	12.682	ppbv #	1
20) Methylene Chloride	4.41	84	142796	2.732	ppbv	97
26) Hexane	5.78	57	722889	6.197	ppbv #	58
29) Chloroform	5.85	83	24618	0.118	ppbv	92
30) Cyclohexane	7.26	84	27909m	0.289	ppbv	
31) cis-1,2-Dichloroethene	5.64	61	21821	0.204	ppbv	88
34) 2-Butanone	5.34	43	283370	2.069	ppbv	98
35) Carbon Tetrachloride	7.13	117	19710	0.080	ppbv #	91
36) Benzene	7.01	78	87103	0.377	ppbv	95
38) Trichloroethene	7.97	130	45390m	0.472	ppbv	
43) Methyl Methacrylate	8.14	69	276066m	3.221	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	148748	0.379	ppbv #	81
52) Tetrachloroethene	11.38	164	280887	3.339	ppbv	96
53) Toluene	9.95	91	2386958	9.731	ppbv	99
58) Ethyl Benzene	12.86	91	68769m	0.212	ppbv	
59) m/p-Xylene	13.13	91	210800	0.716	ppbv #	100
60) o-Xylene	13.85	91	68850m	0.231	ppbv	
72) 4-Ethyltoluene	16.00	105	49334m	0.149	ppbv	
73) 1,3,5-Trimethylbenzene	16.17	105	40514m	0.125	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	176096	0.481	ppbv #	68
79) Naphthalene	22.43	128	35453m	0.150	ppbv	

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

