

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032199.D
 Acq On : 3 Jul 2018 2:25
 Operator : SY/AP
 Sample : J3735-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:25 PM

Quant Time: Jul 03 06:59:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1270293	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3482193	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3112306	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2377312	9.99	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	30903	0.18	ppbv	92
3) Chlorodifluoromethane	3.07	51	29403	0.19	ppbv	98
4) Chloromethane	3.23	50	24933	0.30	ppbv	95
9) Propene	3.10	41	5250600m	72.58	ppbv	
10) Heptane	8.34	43	2405350	11.41	ppbv	99
11) Trichlorofluoromethane	4.08	101	447352	2.47	ppbv	100
13) Ethanol	3.72	45	179227	8.17	ppbv	96
15) Acetone	3.96	43	1553644	10.46	ppbv #	76
17) tert-Butyl alcohol	4.43	59	237898	2.52	ppbv #	73
20) Methylene Chloride	4.49	84	23183	0.43	ppbv #	91
26) Hexane	5.87	57	5146455	36.37	ppbv #	45
27) Carbon Disulfide	4.70	76	167872	1.19	ppbv	94
29) Chloroform	5.93	83	544185	2.64	ppbv	98
30) Cyclohexane	7.34	84	115047	0.86	ppbv #	52
32) 1,1,1-Trichloroethane	6.71	97	267619	1.24	ppbv	97
34) 2-Butanone	5.41	43	532984	2.41	ppbv	100
35) Carbon Tetrachloride	7.23	117	20590m	0.09	ppbv	
36) Benzene	7.10	78	523387	1.55	ppbv	94
38) Trichloroethene	8.05	130	18753	0.14	ppbv #	76
41) Tetrahydrofuran	6.25	42	102134	0.77	ppbv	95
44) 2,2,4-Trimethylpentane	8.09	57	205833	0.35	ppbv #	41
50) 4-Methyl-2-Pentanone	8.99	43	53459	0.15	ppbv	97
52) Tetrachloroethene	11.47	164	609681	4.97	ppbv	98
53) Toluene	10.04	91	4261328	10.46	ppbv	99
58) Ethyl Benzene	12.96	91	1350278	2.69	ppbv	95
59) m/p-Xylene	13.22	91	3787606	9.42	ppbv	97
60) o-Xylene	13.95	91	1686757	4.21	ppbv	95
61) Styrene	13.78	104	38137	0.12	ppbv #	76
62) Isopropylbenzene	14.93	105	182515	0.30	ppbv	99
67) sec-Butylbenzene	17.56	105	84575	0.11	ppbv	98
69) p-Isopropyltoluene	17.92	119	292834m	0.46	ppbv	
72) 4-Ethyltoluene	16.11	105	563754	1.09	ppbv	97
73) 1,3,5-Trimethylbenzene	16.26	105	906043	1.86	ppbv	94
74) 1,2,4-Trimethylbenzene	17.03	105	2333442	4.74	ppbv #	74
79) Naphthalene	22.54	128	373309m	0.83	ppbv	
80) Naphthalene,2-methyl-	25.19	142	128505	0.80	ppbv #	87

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

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