

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032418.D
 Acq On : 21 Aug 2018 10:55
 Operator : SY/AP
 Sample : J4576-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:50:41 AM

Quant Time: Aug 22 05:18:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 15 14:58:02 2018
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1763262	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.34	114	3430709	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3347986	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2570401	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.04	51	73404m	0.45	ppbv	
4) Chloromethane	3.21	50	58982	0.61	ppbv #	87
9) Propene	3.08	41	160404m	2.29	ppbv	
11) Trichlorofluoromethane	4.05	101	51844	0.26	ppbv	94
13) Ethanol	3.69	45	3829418	213.29	ppbv	98
15) Acetone	3.94	43	3603524	21.51	ppbv	99
17) tert-Butyl alcohol	4.42	59	61279	2.18	ppbv #	74
19) Isopropyl Alcohol	4.08	45	393837	3.49	ppbv #	1
20) Methylene Chloride	4.46	84	119554	1.89	ppbv	94
25) Ethyl Acetate	5.82	43	342971	0.96	ppbv #	95
27) Carbon Disulfide	4.66	76	16116m	0.11	ppbv	
29) Chloroform	5.90	83	116514	0.50	ppbv	97
34) 2-Butanone	5.38	43	338596	1.45	ppbv	96
35) Carbon Tetrachloride	7.19	117	18683m	0.09	ppbv	
36) Benzene	7.06	78	85159	0.29	ppbv #	93
41) Tetrahydrofuran	6.20	42	198114	1.58	ppbv	99
43) Methyl Methacrylate	8.19	69	11412	0.10	ppbv #	67
44) 2,2,4-Trimethylpentane	8.04	57	85766m	0.16	ppbv	
50) 4-Methyl-2-Pentanone	8.94	43	41157m	0.12	ppbv	
52) Tetrachloroethene	11.43	164	26760m	0.31	ppbv	
53) Toluene	10.00	91	329271	1.03	ppbv	99
59) m/p-Xylene	13.18	91	134989	0.39	ppbv	100
60) o-Xylene	13.90	91	62958	0.19	ppbv	99
61) Styrene	13.75	104	158879	0.68	ppbv	98
73) 1,3,5-Trimethylbenzene	16.22	105	119135	0.33	ppbv	98
74) 1,2,4-Trimethylbenzene	16.98	105	160771	0.42	ppbv #	69
79) Naphthalene	22.49	128	60285m	0.49	ppbv	

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

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