

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032367.D
 Acq On : 16 Aug 2018 1:51
 Operator : SY/AP
 Sample : J4457-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG06-MIVI

Manual Integrations
 APPROVED

apatel
 8/20/2018 5:03:32 PM

Quant Time: Aug 16 22:23:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 16 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	5.84	49	1551266	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.39	114	2297078	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.33	117	3745267	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3254576	11.39	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.21	50	138122	1.62	ppbv	95
9) Propene	3.06	41	17692276	287.68	ppbv	89
10) Heptane	8.37	43	29870052	161.25	ppbv #	81
11) Trichlorofluoromethane	4.06	101	35836	0.21	ppbv	84
13) Ethanol	3.70	45	1774945	112.37	ppbv	95
15) Acetone	3.94	43	27173757m	184.37	ppbv	
20) Methylene Chloride	4.49	84	335865	6.03	ppbv #	95
26) Hexane	5.87	57	35189675m	249.91	ppbv	
27) Carbon Disulfide	4.69	76	4456527	33.91	ppbv	99
30) Cyclohexane	7.36	84	31463432	293.34	ppbv #	82
34) 2-Butanone	5.40	43	17674436	113.05	ppbv #	86
35) Carbon Tetrachloride	7.23	117	29799m	0.22	ppbv	
36) Benzene	7.10	78	20975647	107.71	ppbv #	79
52) Tetrachloroethene	11.47	164	247983	4.32	ppbv	91
53) Toluene	10.04	91	34216314m	160.28	ppbv	
58) Ethyl Benzene	12.96	91	17734442	39.36	ppbv #	86
59) m/p-Xylene	13.22	91	26712563	69.79	ppbv	90
60) o-Xylene	13.94	91	10593159	28.16	ppbv	97
62) Isopropylbenzene	14.91	105	1658760	3.10	ppbv	98
64) n-propylbenzene	15.81	120	553497	3.99	ppbv	95
67) sec-Butylbenzene	17.54	105	600521	0.88	ppbv	99
69) p-Isopropyltoluene	17.89	119	346237m	0.67	ppbv	
70) n-Butylbenzene	18.79	91	358119	0.63	ppbv #	38
72) 4-Ethyltoluene	16.08	105	2997556	7.14	ppbv	99
73) 1,3,5-Trimethylbenzene	16.24	105	2291785	5.68	ppbv	98
74) 1,2,4-Trimethylbenzene	17.01	105	3871857	9.02	ppbv #	71
79) Naphthalene	22.49	128	131547	0.64	ppbv	99
80) Naphthalene,2-methyl-	25.17	142	31022	0.36	ppbv	96

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

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