

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032372.D
 Acq On : 16 Aug 2018 5:16
 Operator : SY/AP
 Sample : J4457-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DUP1-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:55 PM

Quant Time: Aug 16 22:33:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.82	49	1643785	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3525029	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	3409188	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.65	95	2515573	9.67	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.21	50	103032	1.14	ppbv	98
9) Propene	3.07	41	2967160	45.53	ppbv	95
10) Heptane	8.31	43	460429	2.35	ppbv	100
11) Trichlorofluoromethane	4.05	101	65025	0.35	ppbv	96
13) Ethanol	3.72	45	534651m	31.94	ppbv	
15) Acetone	3.94	43	9469800	60.64	ppbv	94
19) Isopropyl Alcohol	4.14	45	118646331m	1128.18	ppbv	
20) Methylene Chloride	4.46	84	138515	2.35	ppbv	97
26) Hexane	5.83	57	669733	4.49	ppbv #	44
27) Carbon Disulfide	4.67	76	362787	2.61	ppbv #	91
30) Cyclohexane	7.31	84	60284m	0.53	ppbv	
34) 2-Butanone	5.38	43	3567658	14.87	ppbv	100
36) Benzene	7.06	78	439054	1.47	ppbv	95
41) Tetrahydrofuran	6.21	42	100672	0.78	ppbv	98
44) 2,2,4-Trimethylpentane	8.05	57	338072m	0.63	ppbv	
50) 4-Methyl-2-Pentanone	8.94	43	405749	1.17	ppbv	98
51) 2-Hexanone	10.36	43	403603m	1.66	ppbv	
52) Tetrachloroethene	11.44	164	85306m	0.97	ppbv	
53) Toluene	10.01	91	4540625	13.86	ppbv	99
58) Ethyl Benzene	12.93	91	812611	1.98	ppbv	100
59) m/p-Xylene	13.19	91	2469157	7.09	ppbv	98
60) o-Xylene	13.92	91	881614	2.57	ppbv	99
61) Styrene	13.75	104	138518m	0.58	ppbv	
62) Isopropylbenzene	14.90	105	61144	0.13	ppbv #	90
64) n-propylbenzene	15.79	120	48023	0.38	ppbv	79
69) p-Isopropyltoluene	17.89	119	88342m	0.19	ppbv	
70) n-Butylbenzene	18.79	91	104579m	0.20	ppbv	
72) 4-Ethyltoluene	16.07	105	313823	0.82	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.23	105	305280	0.83	ppbv	96
74) 1,2,4-Trimethylbenzene	17.00	105	1089809	2.79	ppbv #	73
75) 1,3-Dichlorobenzene	17.25	146	972358	4.14	ppbv #	74
79) Naphthalene	22.49	128	223706	0.92	ppbv	97
80) Naphthalene,2-methyl-	25.17	142	17275	0.22	ppbv #	64

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

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