

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032365.D
 Acq On : 16 Aug 2018 00:30
 Operator : SY/AP
 Sample : J4457-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS08-MIVIDL

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:46 PM

Quant Time: Aug 16 07:24:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 16 07:24:12 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	2047308	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	4246881	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	4134079	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.64	95	3220382	10.21	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.08	41	502506m	6.19	ppbv	
10) Heptane	8.31	43	3004359	12.29	ppbv	99
13) Ethanol	3.69	45	376159	18.04	ppbv	98
15) Acetone	3.95	43	589864m	3.03	ppbv	
19) Isopropyl Alcohol	4.07	45	242385	1.85	ppbv #	1
20) Methylene Chloride	4.45	84	21601m	0.29	ppbv	
26) Hexane	5.84	57	3031455	16.31	ppbv #	43
27) Carbon Disulfide	4.67	76	68113	0.39	ppbv #	75
30) Cyclohexane	7.31	84	2444906	17.27	ppbv	97
34) 2-Butanone	5.38	43	268013	0.93	ppbv	97
36) Benzene	7.06	78	1012253	2.81	ppbv	98
52) Tetrachloroethene	11.46	164	10423000	98.16	ppbv	88
53) Toluene	10.01	91	6777544	17.17	ppbv	99
58) Ethyl Benzene	12.94	91	2301775	4.63	ppbv	96
59) m/p-Xylene	13.19	91	5214411	12.34	ppbv	99
60) o-Xylene	13.92	91	1885770	4.54	ppbv	100
61) Styrene	13.76	104	49952m	0.17	ppbv	
62) Isopropylbenzene	14.90	105	251523m	0.43	ppbv	
64) n-propylbenzene	15.79	120	96523m	0.63	ppbv	
69) p-Isopropyltoluene	17.88	119	90417	0.16	ppbv	95
70) n-Butylbenzene	18.79	91	174170	0.28	ppbv #	46
72) 4-Ethyltoluene	16.07	105	789913	1.71	ppbv	100
73) 1,3,5-Trimethylbenzene	16.22	105	761311	1.71	ppbv	99
74) 1,2,4-Trimethylbenzene	16.99	105	2044898	4.31	ppbv #	70

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

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