

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032373.D
 Acq On : 16 Aug 2018 5:57
 Operator : SY/AP
 Sample : J4457-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG04-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:57 PM

Quant Time: Aug 16 22:34:37 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	5.82	49	1458853	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3233601	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3117094	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.64	95	2397108	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.21	50	84162	1.05	ppbv	# 88
9) Propene	3.08	41	219298	3.79	ppbv	# 67
10) Heptane	8.31	43	132616	0.76	ppbv	99
11) Trichlorofluoromethane	4.04	101	46387	0.28	ppbv	96
13) Ethanol	3.70	45	2164074	145.68	ppbv	97
15) Acetone	3.94	43	5178177	37.36	ppbv	97
17) tert-Butyl alcohol	4.42	59	178377m	7.67	ppbv	
19) Isopropyl Alcohol	4.08	45	2746209	29.42	ppbv	# 1
20) Methylene Chloride	4.46	84	409093	7.81	ppbv	93
25) Ethyl Acetate	5.81	43	7051494	23.74	ppbv	# 89
27) Carbon Disulfide	4.67	76	169983	1.38	ppbv	# 89
29) Chloroform	5.91	83	917466	4.73	ppbv	99
30) Cyclohexane	7.31	84	561812	5.57	ppbv	98
34) 2-Butanone	5.38	43	906907	4.12	ppbv	100
35) Carbon Tetrachloride	7.20	117	595324	3.12	ppbv	96
36) Benzene	7.06	78	140521	0.51	ppbv	96
37) 1,2-Dichloroethane	6.47	62	18701	0.11	ppbv	# 88
38) Trichloroethene	8.03	130	13374m	0.14	ppbv	
41) Tetrahydrofuran	6.22	42	80912m	0.68	ppbv	
44) 2,2,4-Trimethylpentane	8.05	57	133363	0.27	ppbv	# 65
50) 4-Methyl-2-Pentanone	8.94	43	99715	0.31	ppbv	97
52) Tetrachloroethene	11.44	164	40674	0.50	ppbv	89
53) Toluene	10.01	91	1718163	5.72	ppbv	100
58) Ethyl Benzene	12.93	91	563267	1.50	ppbv	98
59) m/p-Xylene	13.19	91	1585899	4.98	ppbv	99
60) o-Xylene	13.92	91	781324	2.50	ppbv	100
61) Styrene	13.75	104	130482	0.60	ppbv	98
62) Isopropylbenzene	14.89	105	72583	0.16	ppbv	96
64) n-propylbenzene	15.79	120	38721m	0.34	ppbv	
69) p-Isopropyltoluene	17.88	119	111004	0.26	ppbv	99
70) n-Butylbenzene	18.79	91	63973m	0.13	ppbv	
72) 4-Ethyltoluene	16.06	105	208801	0.60	ppbv	97
73) 1,3,5-Trimethylbenzene	16.22	105	257611	0.77	ppbv	96
74) 1,2,4-Trimethylbenzene	16.99	105	691080m	1.93	ppbv	
79) Naphthalene	22.49	128	84421	0.57	ppbv	96

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

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