

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081518\
 Data File : VL032370.D
 Acq On : 16 Aug 2018 3:54
 Operator : SY/AP
 Sample : J4457-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG05-MIVI

Manual Integrations
 APPROVED

MMDadoda
 8/17/2018 2:06:52 PM

Quant Time: Aug 16 07:54:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 16 07:54:49 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	1720551	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.37	114	3677915	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.31	117	3533490	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.65	95	2655619	9.85	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.05	51	75168m	0.47	ppbv	
4) Chloromethane	3.21	50	168104	1.77	ppbv	95
9) Propene	3.07	41	6324763	92.72	ppbv	95
10) Heptane	8.31	43	364989	1.78	ppbv	100
11) Trichlorofluoromethane	4.05	101	44104	0.23	ppbv	86
13) Ethanol	3.74	45	511736m	29.21	ppbv	
15) Acetone	3.94	43	36880428m	225.61	ppbv	
19) Isopropyl Alcohol	4.16	45	111853607m	1016.14	ppbv	
20) Methylene Chloride	4.48	84	844874	13.68	ppbv	97
26) Hexane	5.84	57	1269541	8.13	ppbv #	42
27) Carbon Disulfide	4.67	76	370059	2.54	ppbv #	91
30) Cyclohexane	7.31	84	70897m	0.60	ppbv	
34) 2-Butanone	5.40	43	3081882	12.31	ppbv	100
36) Benzene	7.08	78	580237	1.86	ppbv	98
38) Trichloroethene	8.04	130	12020m	0.11	ppbv	
41) Tetrahydrofuran	6.22	42	97869m	0.73	ppbv	
44) 2,2,4-Trimethylpentane	8.05	57	360456	0.64	ppbv #	82
50) 4-Methyl-2-Pentanone	8.95	43	305813	0.85	ppbv	99
52) Tetrachloroethene	11.44	164	10087m	0.11	ppbv	
53) Toluene	10.02	91	3544463	10.37	ppbv	100
58) Ethyl Benzene	12.93	91	499116	1.17	ppbv	100
59) m/p-Xylene	13.19	91	1303315	3.61	ppbv	98
60) o-Xylene	13.92	91	461123	1.30	ppbv	97
61) Styrene	13.76	104	57731	0.23	ppbv	96
62) Isopropylbenzene	14.89	105	51082m	0.10	ppbv	
64) n-propylbenzene	15.79	120	30692m	0.23	ppbv	
72) 4-Ethyltoluene	16.07	105	160922	0.41	ppbv	98
73) 1,3,5-Trimethylbenzene	16.22	105	233014	0.61	ppbv	94
74) 1,2,4-Trimethylbenzene	17.00	105	649739	1.60	ppbv #	70
75) 1,3-Dichlorobenzene	17.24	146	531574	2.18	ppbv #	70
79) Naphthalene	22.49	128	128400	0.66	ppbv	99

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

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