

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032877.D
 Acq On : 4 Dec 2018 15:26
 Operator : SY/AP
 Sample : J6175-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-06

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 12:59:48 PM

Quant Time: Dec 05 14:58:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1263990	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3410153	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3599508	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2867712	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	54417	0.299	ppbv	97
3) Chlorodifluoromethane	3.02	51	53757	0.536	ppbv	96
4) Chloromethane	3.18	50	30699	0.552	ppbv	93
9) Propene	3.04	41	3699857	92.260	ppbv	97
10) Heptane	8.27	43	5950719	38.868	ppbv	100
11) Trichlorofluoromethane	4.02	101	44499	0.260	ppbv	95
13) Ethanol	3.66	45	407504	31.024	ppbv	100
15) Acetone	3.90	43	6234726m	54.013	ppbv	
20) Methylene Chloride	4.43	84	124402	2.082	ppbv #	94
26) Hexane	5.80	57	3936935	32.873	ppbv #	41
27) Carbon Disulfide	4.63	76	7559771	49.782	ppbv	98
29) Chloroform	5.87	83	166734	0.781	ppbv	97
30) Cyclohexane	7.26	84	1676531	16.006	ppbv #	71
34) 2-Butanone	5.34	43	13912261	78.657	ppbv #	90
35) Carbon Tetrachloride	7.16	117	14691m	0.054	ppbv	
36) Benzene	7.02	78	5649085	20.803	ppbv	98
38) Trichloroethene	7.98	130	9776m	0.089	ppbv	
41) Tetrahydrofuran	6.15	42	2107672	20.774	ppbv	97
44) 2,2,4-Trimethylpentane	8.01	57	1223126	2.695	ppbv #	12
51) 2-Hexanone	10.27	43	2995369	16.830	ppbv #	71
52) Tetrachloroethene	11.38	164	13004m	0.138	ppbv	
53) Toluene	9.96	91	5869194	20.717	ppbv	99
58) Ethyl Benzene	12.88	91	1968079	4.543	ppbv	99
59) m/p-Xylene	13.14	91	3752069	9.730	ppbv	97
60) o-Xylene	13.86	91	1650139	4.256	ppbv	98
61) Styrene	13.70	104	140638	0.557	ppbv	96
62) Isopropylbenzene	14.84	105	317972	0.607	ppbv	97
64) n-propylbenzene	15.74	120	78079	0.566	ppbv	83
67) sec-Butylbenzene	17.47	105	133106	0.197	ppbv	96
69) p-Isopropyltoluene	17.83	119	95668m	0.178	ppbv	
72) 4-Ethyltoluene	16.01	105	330169	0.777	ppbv	97
73) 1,3,5-Trimethylbenzene	16.17	105	319760	0.769	ppbv	90
74) 1,2,4-Trimethylbenzene	16.94	105	592956	1.333	ppbv #	70

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

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