

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035217.D
 Acq On : 21 Jul 2020 18:39
 Operator : SY/AP
 Sample : L3290-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-CAFETERIA

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:59:35 PM

Quant Time: Jul 22 01:41:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1042874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2543015	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2355503	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1977757	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.00	85	34206	0.234 ppbv	92
3) Chlorodifluoromethane	2.94	51	177790m	1.543 ppbv	
4) Chloromethane	3.10	50	40146	0.618 ppbv	98
9) Propene	2.98	41	51777	1.189 ppbv #	74
10) Heptane	8.13	43	32868	0.294 ppbv	87
11) Trichlorofluoromethane	3.92	101	46803	0.284 ppbv	93
13) Ethanol	3.57	45	701592	50.619 ppbv	93
15) Acetone	3.82	43	1039020m	7.359 ppbv	
17) tert-Butyl alcohol	4.29	59	29281	0.234 ppbv #	72
19) Isopropyl Alcohol	3.94	45	290342	3.409 ppbv #	94
20) Methylene Chloride	4.31	84	63050m	1.026 ppbv	
26) Hexane	5.67	57	142604m	1.476 ppbv	
27) Carbon Disulfide	4.53	76	15305	0.113 ppbv #	81
29) Chloroform	5.74	83	130608	0.806 ppbv	86
34) 2-Butanone	5.23	43	100433	0.740 ppbv	99
35) Carbon Tetrachloride	7.02	117	13737m	0.083 ppbv	
36) Benzene	6.89	78	35215	0.191 ppbv #	94
42) Bromodichloromethane	7.80	83	24691	0.150 ppbv #	86
44) 2,2,4-Trimethylpentane	7.88	57	43153	0.136 ppbv #	69
50) 4-Methyl-2-Pentanone	8.76	43	33821m	0.174 ppbv	
52) Tetrachloroethene	11.24	164	8349m	0.121 ppbv	
53) Toluene	9.82	91	578954	2.981 ppbv	99
59) m/p-Xylene	12.98	91	56137m	0.242 ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	55883m	0.201 ppbv	

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

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