

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101620\
 Data File : VL035786.D
 Acq On : 16 Oct 2020 15:14
 Operator : SY/AP
 Sample : L4450-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 11:09:57 AM

Quant Time: Oct 17 23:53:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	997156	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	3963079	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	3935439	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2991166	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	38322	0.234	ppbv	98
3) Chlorodifluoromethane	2.98	51	1030483m	9.606	ppbv	
4) Chloromethane	3.13	50	28151	0.488	ppbv	93
9) Propene	3.00	41	100437	2.579	ppbv	87
10) Heptane	8.13	43	85858	0.791	ppbv	100
11) Trichlorofluoromethane	3.94	101	261326	1.119	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.48	101	17652	0.101	ppbv	99
13) Ethanol	3.60	45	935022	97.344	ppbv	100
15) Acetone	3.84	43	2010296	18.736	ppbv	100
17) tert-Butyl alcohol	4.29	59	239441	2.049	ppbv	99
19) Isopropyl Alcohol	3.96	45	991262	16.983	ppbv	98
20) Methylene Chloride	4.33	84	1158367	14.697	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	65506	0.814	ppbv	98
26) Hexane	5.69	57	5402720	51.066	ppbv #	48
27) Carbon Disulfide	4.54	76	1830881	11.610	ppbv	100
29) Chloroform	5.74	83	290247	1.351	ppbv	96
30) Cyclohexane	7.13	84	18156	0.174	ppbv #	19
31) cis-1,2-Dichloroethene	5.54	61	73672	0.721	ppbv	93
35) Carbon Tetrachloride	7.02	117	13542m	0.066	ppbv	
36) Benzene	6.89	78	60851	0.236	ppbv	92
38) Trichloroethene	7.84	130	8408721	65.274	ppbv	95
47) 1,1,2-Trichloroethane	9.48	97	18112m	0.135	ppbv	
52) Tetrachloroethene	11.23	164	95538	0.769	ppbv	97
53) Toluene	9.81	91	185932	0.611	ppbv	97
59) m/p-Xylene	12.97	91	86882m	0.252	ppbv	
61) Styrene	13.53	104	106891	0.443	ppbv	99
62) Isopropylbenzene	14.68	105	75768	0.140	ppbv	96
78) Hexachloro-1,3-Butadiene	23.40	225	24865m	0.159	ppbv	

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

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