

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035571.D
 Acq On : 9 Sep 2020 1:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:45:37 AM

Quant Time: Sep 09 05:32:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1104035	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4545868	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4486351	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3382247	10.62	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	33582	0.176	ppbv	96
3) Chlorodifluoromethane	2.97	51	35139m	0.288	ppbv	
4) Chloromethane	3.12	50	20196	0.309	ppbv	96
9) Propene	3.00	41	415034	8.817	ppbv #	69
10) Heptane	8.11	43	49601	0.392	ppbv	97
11) Trichlorofluoromethane	3.94	101	37757	0.135	ppbv	99
13) Ethanol	3.61	45	9345514	800.717	ppbv	95
15) Acetone	3.83	43	1309471	10.754	ppbv	100
17) tert-Butyl alcohol	4.31	59	79940	0.539	ppbv	98
19) Isopropyl Alcohol	3.98	45	425385	5.856	ppbv #	97
20) Methylene Chloride	4.33	84	277283	3.057	ppbv	96
26) Hexane	5.67	57	106703	0.875	ppbv #	84
27) Carbon Disulfide	4.54	76	22794	0.130	ppbv #	92
29) Chloroform	5.74	83	39328	0.158	ppbv	97
30) Cyclohexane	7.12	84	14444m	0.111	ppbv	
34) 2-Butanone	5.23	43	108374	0.803	ppbv	99
35) Carbon Tetrachloride	7.01	117	8956m	0.039	ppbv	
36) Benzene	6.88	78	75829	0.258	ppbv #	92
44) 2,2,4-Trimethylpentane	7.86	57	139697	0.361	ppbv #	77
50) 4-Methyl-2-Pentanone	8.74	43	60565	0.310	ppbv	87
52) Tetrachloroethene	11.22	164	14994	0.087	ppbv #	89
53) Toluene	9.80	91	3840142	10.378	ppbv	100
58) Ethyl Benzene	12.71	91	188827	0.408	ppbv	94
59) m/p-Xylene	12.97	91	650683	1.683	ppbv	96
60) o-Xylene	13.70	91	214278	0.550	ppbv	95
61) Styrene	13.53	104	50036	0.168	ppbv	98
72) 4-Ethyltoluene	15.84	105	89637	0.181	ppbv	96
73) 1,3,5-Trimethylbenzene	16.00	105	80663	0.176	ppbv	91
74) 1,2,4-Trimethylbenzene	16.77	105	299532	0.596	ppbv #	70

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

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