

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035558.D
 Acq On : 8 Sep 2020 16:07
 Operator : SY/AP
 Sample : L3936-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 01-OFF

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:45:21 AM

Quant Time: Sep 09 02:59:01 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	5.66	49	990479	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	4232362	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4239176	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3203857	10.64	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	52643	0.307	ppbv	98
3) Chlorodifluoromethane	2.98	51	64206m	0.586	ppbv	
4) Chloromethane	3.13	50	36971	0.630	ppbv	97
5) Vinyl Chloride	3.25	62	3657	0.051	ppbv #	87
9) Propene	3.01	41	641970	15.201	ppbv #	71
10) Heptane	8.12	43	105737	0.932	ppbv	96
11) Trichlorofluoromethane	3.94	101	79746	0.319	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	23738	0.126	ppbv	97
13) Ethanol	3.63	45	15680396	1497.513	ppbv	92
15) Acetone	3.84	43	2294991	21.009	ppbv	99
17) tert-Butyl alcohol	4.34	59	138515	1.042	ppbv	100
19) Isopropyl Alcohol	4.02	45	775948	11.907	ppbv #	1
20) Methylene Chloride	4.34	84	552227	6.787	ppbv	97
26) Hexane	5.68	57	222206	2.032	ppbv #	80
27) Carbon Disulfide	4.54	76	41267	0.263	ppbv #	90
29) Chloroform	5.75	83	79569	0.357	ppbv	97
30) Cyclohexane	7.13	84	29227	0.250	ppbv #	27
32) 1,1,1-Trichloroethane	6.51	97	9470m	0.044	ppbv	
34) 2-Butanone	5.24	43	204446	1.628	ppbv	97
35) Carbon Tetrachloride	7.02	117	23501m	0.110	ppbv	
36) Benzene	6.89	78	154138	0.563	ppbv	94
38) Trichloroethene	7.84	130	11348	0.071	ppbv #	79
41) Tetrahydrofuran	6.05	42	37604m	0.565	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	286395	0.794	ppbv #	87
50) 4-Methyl-2-Pentanone	8.75	43	133054	0.732	ppbv #	85
52) Tetrachloroethene	11.23	164	34247m	0.214	ppbv	
53) Toluene	9.81	91	6472649	18.787	ppbv	95
58) Ethyl Benzene	12.72	91	420116	0.961	ppbv	89
59) m/p-Xylene	12.98	91	1348999	3.693	ppbv	97
60) o-Xylene	13.70	91	454396	1.235	ppbv	96
61) Styrene	13.54	104	123487	0.439	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	18224m	0.064	ppbv	
64) n-propylbenzene	15.57	120	38921	0.216	ppbv #	65
65) tert-Butylbenzene	16.77	119	108317m	0.197	ppbv	
69) p-Isopropyltoluene	17.67	119	77533	0.121	ppbv	95
70) n-Butylbenzene	18.57	91	67771m	0.110	ppbv	
72) 4-Ethyltoluene	15.85	105	197137	0.421	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.01	105	189669	0.438	ppbv	90
74) 1,2,4-Trimethylbenzene	16.78	105	646139	1.360	ppbv #	72
76) 1,4-Dichlorobenzene	17.15	146	59314m	0.171	ppbv	
78) Hexachloro-1,3-Butadiene	23.40	225	21712m	0.100	ppbv	

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79) Naphthalene	22.23	128	102691	0.195	ppbv #	90
80) Naphthalene,2-methyl-	24.99	142	20056	0.111	ppbv #	94

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

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