

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034144.D
 Acq On : 10 Sep 2019 15:56
 Operator : SY/AP
 Sample : K4775-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:50 AM

Quant Time: Sep 11 02:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	710000	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.25	114	1546196	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.18	117	1510284	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1327315	10.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	107119	0.915 ppbv	95
3) Chlorodifluoromethane	2.98	51	23333m	0.295 ppbv	
4) Chloromethane	3.13	50	39463	0.798 ppbv	90
5) Vinyl Chloride	3.25	62	4398	0.098 ppbv #	76
7) Chloroethane	3.56	64	4702	0.306 ppbv #	77
9) Propene	3.00	41	4007787	90.508 ppbv	95
10) Heptane	8.19	43	1899048	16.525 ppbv	99
11) Trichlorofluoromethane	3.95	101	44537	0.466 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	7145m	0.112 ppbv	
13) Ethanol	3.63	45	747740	86.198 ppbv	97
15) Acetone	3.88	43	15653117m	182.929 ppbv	
17) tert-Butyl alcohol	4.33	59	1487895	23.952 ppbv	97
19) Isopropyl Alcohol	4.00	45	2294168	39.721 ppbv #	97
20) Methylene Chloride	4.38	84	38293	1.353 ppbv #	86
26) Hexane	5.73	57	2120426	25.391 ppbv #	35
27) Carbon Disulfide	4.57	76	979263	12.993 ppbv	99
28) Methyl tert-Butyl Ether	5.07	73	76247m	0.623 ppbv	
29) Chloroform	5.82	83	19903m	0.177 ppbv	
30) Cyclohexane	7.19	84	447666	7.415 ppbv #	79
31) cis-1,2-Dichloroethene	5.61	61	17064m	0.213 ppbv	
32) 1,1,1-Trichloroethane	6.58	97	376234	3.535 ppbv	99
34) 2-Butanone	5.29	43	7604143	51.156 ppbv #	72
35) Carbon Tetrachloride	7.08	117	3670m	0.030 ppbv	
36) Benzene	6.96	78	1301819	7.366 ppbv	97
38) Trichloroethene	7.91	130	16493m	0.250 ppbv	
44) 2,2,4-Trimethylpentane	7.93	57	1323058	4.060 ppbv #	62
50) 4-Methyl-2-Pentanone	8.81	43	1007195	4.440 ppbv	99
51) 2-Hexanone	10.20	43	4860101	24.803 ppbv #	97
52) Tetrachloroethene	11.31	164	2225281	35.707 ppbv	97
53) Toluene	9.89	91	4416243	22.593 ppbv	96
58) Ethyl Benzene	12.80	91	1778004	7.179 ppbv	92
59) m/p-Xylene	13.05	91	4578907	22.665 ppbv	98
60) o-Xylene	13.79	91	1881485	9.351 ppbv	99
61) Styrene	13.63	104	102920	0.684 ppbv	97
62) Isopropylbenzene	14.76	105	177679	0.679 ppbv	100
64) n-propylbenzene	15.66	120	140855	2.148 ppbv	75
70) n-Butylbenzene	18.71	91	328940m	1.112 ppbv	
72) 4-Ethyltoluene	15.93	105	742068	3.269 ppbv	96
73) 1,3,5-Trimethylbenzene	16.10	105	544735	2.469 ppbv	93
74) 1,2,4-Trimethylbenzene	16.87	105	1724038	7.588 ppbv #	73
79) Naphthalene	22.34	128	40298m	0.196 ppbv	

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

