

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034241.D
 Acq On : 8 Oct 2019 3:38
 Operator : SY/AP
 Sample : K5222-03
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:06:06 PM

Quant Time: Oct 09 04:26:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1088250	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1894985	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	1884481	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1727894	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	100753	0.627	ppbv #	86
4) Chloromethane	3.12	50	38884	0.519	ppbv #	82
5) Vinyl Chloride	3.24	62	283785	4.141	ppbv	95
9) Propene	2.99	41	1206362	19.163	ppbv	93
10) Heptane	8.17	43	929405	5.665	ppbv	98
11) Trichlorofluoromethane	3.95	101	42211	0.288	ppbv	94
13) Ethanol	3.62	45	6184027	405.666	ppbv	96
15) Acetone	3.85	43	12495879	85.673	ppbv #	49
17) tert-Butyl alcohol	4.32	59	1406729	15.222	ppbv	98
18) 1,1-Dichloroethene	4.29	96	9254	0.222	ppbv #	54
19) Isopropyl Alcohol	4.00	45	697301	7.774	ppbv #	1
20) Methylene Chloride	4.36	84	525085	12.486	ppbv	94
22) trans-1,2-Dichloroethene	4.90	96	31103	0.744	ppbv #	94
26) Hexane	5.71	57	1310574	11.423	ppbv #	41
27) Carbon Disulfide	4.56	76	505510	4.777	ppbv	94
29) Chloroform	5.79	83	686776	4.189	ppbv	100
30) Cyclohexane	7.18	84	429940	5.190	ppbv	97
31) cis-1,2-Dichloroethene	5.58	61	6785736	58.018	ppbv #	62
34) 2-Butanone	5.27	43	3555450	18.375	ppbv	96
35) Carbon Tetrachloride	7.06	117	10802m	0.069	ppbv	
36) Benzene	6.94	78	1568498	7.494	ppbv	99
38) Trichloroethene	7.89	130	2934417	39.241	ppbv	97
44) 2,2,4-Trimethylpentane	7.92	57	1603405	3.980	ppbv #	81
50) 4-Methyl-2-Pentanone	8.80	43	3550970	12.610	ppbv	100
51) 2-Hexanone	10.20	43	1469005	6.216	ppbv #	98
52) Tetrachloroethene	11.39	164	28254219m	408.614	ppbv	
53) Toluene	9.87	91	5279541	23.082	ppbv	96
58) Ethyl Benzene	12.80	91	1369225m	4.503	ppbv	
59) m/p-Xylene	13.05	91	3736513	14.836	ppbv	99
60) o-Xylene	13.78	91	1512038	6.004	ppbv	97
61) Styrene	13.62	104	127500	0.707	ppbv	94
62) Isopropylbenzene	14.75	105	121449m	0.373	ppbv	
64) n-propylbenzene	15.65	120	105384	1.278	ppbv	76
70) n-Butylbenzene	18.67	91	360483	0.939	ppbv #	81
72) 4-Ethyltoluene	15.92	105	575219	2.022	ppbv	97
73) 1,3,5-Trimethylbenzene	16.09	105	501030	1.823	ppbv	97
74) 1,2,4-Trimethylbenzene	16.85	105	1666397	5.710	ppbv #	70
79) Naphthalene	22.33	128	152758	0.595	ppbv #	93

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

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