

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034242.D
 Acq On : 8 Oct 2019 4:18
 Operator : SY/AP
 Sample : K5222-03DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-3DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 20:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.69	49	945936	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.21	114	1779305	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.16	117	1774638	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1523647	9.88	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.24	62	29357	0.493	ppbv	94
9) Propene	2.99	41	137989	2.522	ppbv	91
10) Heptane	8.17	43	97040	0.680	ppbv	99
13) Ethanol	3.59	45	1221369	92.175	ppbv	96
15) Acetone	3.84	43	4092941	32.283	ppbv	97
17) tert-Butyl alcohol	4.30	59	216331	2.693	ppbv	96
19) Isopropyl Alcohol	3.97	45	104931	1.346	ppbv #	1
26) Hexane	5.71	57	150302	1.507	ppbv #	41
27) Carbon Disulfide	4.56	76	28250	0.307	ppbv #	77
29) Chloroform	5.78	83	67571	0.474	ppbv	97
30) Cyclohexane	7.16	84	44112m	0.613	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	1180478	11.612	ppbv	97
34) 2-Butanone	5.26	43	402623	2.216	ppbv	97
36) Benzene	6.92	78	176214m	0.897	ppbv	
38) Trichloroethene	7.88	130	360891	5.140	ppbv	96
44) 2,2,4-Trimethylpentane	7.91	57	177254	0.469	ppbv #	84
50) 4-Methyl-2-Pentanone	8.80	43	377425	1.427	ppbv	98
51) 2-Hexanone	10.20	43	157388m	0.709	ppbv	
52) Tetrachloroethene	11.31	164	7802889	120.182	ppbv	90
53) Toluene	9.86	91	651767	3.035	ppbv	99
58) Ethyl Benzene	12.78	91	139166m	0.486	ppbv	
59) m/p-Xylene	13.03	91	413029m	1.741	ppbv	
60) o-Xylene	13.76	91	159794m	0.674	ppbv	
72) 4-Ethyltoluene	15.91	105	56800m	0.212	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	48868m	0.189	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	174872	0.636	ppbv #	67

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

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