

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034148.D
 Acq On : 10 Sep 2019 18:32
 Operator : SY/AP
 Sample : K4775-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:59 AM

Quant Time: Sep 11 21:39:30 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	5.71	49	704663	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1430397	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1409936	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1184398	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	6398	0.130	ppbv #	87
9) Propene	3.00	41	434141	9.878	ppbv	92
10) Heptane	8.18	43	192247	1.686	ppbv	98
13) Ethanol	3.60	45	105444	12.247	ppbv	97
15) Acetone	3.85	43	6494574	76.473	ppbv #	69
17) tert-Butyl alcohol	4.30	59	191582	3.107	ppbv	97
19) Isopropyl Alcohol	3.98	45	284744	4.967	ppbv #	97
26) Hexane	5.72	57	234923	2.834	ppbv #	39
27) Carbon Disulfide	4.56	76	90696	1.212	ppbv #	92
29) Chloroform	5.79	83	17376m	0.155	ppbv	
30) Cyclohexane	7.18	84	57712	0.963	ppbv	90
32) 1,1,1-Trichloroethane	6.56	97	459161	4.347	ppbv	98
34) 2-Butanone	5.27	43	1184568	8.614	ppbv	99
36) Benzene	6.94	78	107475	0.657	ppbv	99
38) Trichloroethene	7.90	130	13467	0.221	ppbv #	84
44) 2,2,4-Trimethylpentane	7.93	57	47196m	0.157	ppbv	
50) 4-Methyl-2-Pentanone	8.81	43	67942	0.324	ppbv	97
51) 2-Hexanone	10.20	43	371221	2.048	ppbv #	94
52) Tetrachloroethene	11.30	164	1334613	23.149	ppbv	98
53) Toluene	9.88	91	362265	2.003	ppbv	97
58) Ethyl Benzene	12.80	91	127853m	0.553	ppbv	
59) m/p-Xylene	13.05	91	382191	2.026	ppbv	100
60) o-Xylene	13.78	91	159589	0.850	ppbv	100
64) n-propylbenzene	15.64	120	11102m	0.181	ppbv	
72) 4-Ethyltoluene	15.91	105	63495m	0.300	ppbv	
73) 1,3,5-Trimethylbenzene	16.08	105	54029m	0.262	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	183836	0.867	ppbv #	71

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

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