

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061319\
 Data File : VL033921.D
 Acq On : 14 Jun 2019 6:48
 Operator : SY/AP
 Sample : K3295-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V1

Manual Integrations
 APPROVED

MMDadoda
 6/17/2019 12:37:37 AM

Quant Time: Jun 16 18:15:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	923460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2218962	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2496031	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1893118	9.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	86697	0.579	ppbv	94
3) Chlorodifluoromethane	3.01	51	50850m	0.468	ppbv	
4) Chloromethane	3.16	50	14107	0.227	ppbv #	86
9) Propene	3.03	41	1571592	38.635	ppbv	93
10) Heptane	8.24	43	802722	7.807	ppbv #	70
11) Trichlorofluoromethane	4.00	101	59854	0.310	ppbv	91
13) Ethanol	3.65	45	890835	67.309	ppbv	97
15) Acetone	3.89	43	18386541	136.517	ppbv #	66
17) tert-Butyl alcohol	4.36	59	1095101	10.401	ppbv	97
19) Isopropyl Alcohol	4.02	45	646308	8.400	ppbv #	94
26) Hexane	5.77	57	440636	4.718	ppbv #	34
27) Carbon Disulfide	4.61	76	847664	6.533	ppbv	99
29) Chloroform	5.85	83	20594	0.129	ppbv	98
30) Cyclohexane	7.23	84	110569	1.676	ppbv #	90
34) 2-Butanone	5.32	43	6902604	55.141	ppbv	97
35) Carbon Tetrachloride	7.13	117	12042m	0.070	ppbv	
36) Benzene	7.00	78	614351	3.624	ppbv	96
38) Trichloroethene	7.95	130	79978	1.212	ppbv	97
44) 2,2,4-Trimethylpentane	7.98	57	1059573	3.515	ppbv #	84
50) 4-Methyl-2-Pentanone	8.86	43	467980	2.507	ppbv	98
51) 2-Hexanone	10.25	43	2408010	16.519	ppbv #	98
52) Tetrachloroethene	11.36	164	912013	15.291	ppbv	95
53) Toluene	9.93	91	2514130	13.403	ppbv	98
58) Ethyl Benzene	12.85	91	742115	2.637	ppbv	99
59) m/p-Xylene	13.11	91	2390053	9.340	ppbv	99
60) o-Xylene	13.84	91	1034369	3.915	ppbv	99
61) Styrene	13.67	104	45458	0.266	ppbv #	89
62) Isopropylbenzene	14.81	105	87858	0.247	ppbv	99
72) 4-Ethyltoluene	15.99	105	501196m	1.667	ppbv	
73) 1,3,5-Trimethylbenzene	16.15	105	478887	1.617	ppbv	98
74) 1,2,4-Trimethylbenzene	16.92	105	1634951	4.790	ppbv #	75

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

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