

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020419\
 Data File : VL033164.D
 Acq On : 4 Feb 2019 21:14
 Operator : SY/AP
 Sample : K1267-05DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSA1DUP

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 10:28:20 AM

Quant Time: Feb 05 09:33:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020419AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Feb 05 2019
 QLast Update : Mon Feb 04 14:41:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1263576	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.30	114	2856009	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2779004	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2150091	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	68806	0.370	ppbv #	87
3) Chlorodifluoromethane	3.01	51	28191m	0.200	ppbv	
4) Chloromethane	3.18	50	15517m	0.196	ppbv	
9) Propene	3.04	41	68410m	0.967	ppbv	
10) Heptane	8.25	43	120140	0.545	ppbv	97
11) Trichlorofluoromethane	4.01	101	42278	0.235	ppbv	99
13) Ethanol	3.66	45	2232567	80.089	ppbv	98
15) Acetone	3.90	43	14187942	94.309	ppbv #	84
17) tert-Butyl alcohol	4.37	59	308967	9.299	ppbv	98
19) Isopropyl Alcohol	4.04	45	2120747m	19.846	ppbv	
20) Methylene Chloride	4.42	84	140681	2.714	ppbv	96
26) Hexane	5.78	57	247863	1.704	ppbv #	57
34) 2-Butanone	5.33	43	2458387	13.686	ppbv	100
35) Carbon Tetrachloride	7.13	117	9875m	0.054	ppbv	
36) Benzene	7.01	78	241713	0.837	ppbv	97
37) 1,2-Dichloroethane	6.42	62	32554	0.221	ppbv	100
44) 2,2,4-Trimethylpentane	7.99	57	107258	0.221	ppbv #	86
50) 4-Methyl-2-Pentanone	8.87	43	747315	2.298	ppbv	100
51) 2-Hexanone	10.27	43	510640	1.873	ppbv #	99
52) Tetrachloroethene	11.38	164	59492m	0.593	ppbv	
53) Toluene	9.95	91	2410860	7.031	ppbv	99
58) Ethyl Benzene	12.86	91	349659m	0.800	ppbv	
59) m/p-Xylene	13.12	91	968928	2.706	ppbv	98
60) o-Xylene	13.85	91	333748	1.010	ppbv	94
61) Styrene	13.69	104	105679	0.400	ppbv	95
62) Isopropylbenzene	14.83	105	2584027	5.479	ppbv	99
72) 4-Ethyltoluene	16.00	105	101497	0.257	ppbv	97
73) 1,3,5-Trimethylbenzene	16.16	105	74803	0.196	ppbv	93
74) 1,2,4-Trimethylbenzene	16.93	105	255572	0.658	ppbv #	74

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

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