

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033203.D
 Acq On : 14 Feb 2019 18:19
 Operator : SY/AP
 Sample : K1483-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-C

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:01:02 PM

Quant Time: Feb 20 08:32:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 08:32:06 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	937980	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2121668	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2217567	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1770413	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	63175	0.352	ppbv	95
3) Chlorodifluoromethane	3.02	51	34859m	0.309	ppbv	
4) Chloromethane	3.17	50	9278m	0.156	ppbv	
7) Chloroethane	3.60	64	27263	1.339	ppbv	95
10) Heptane	8.25	43	27740	0.168	ppbv	96
11) Trichlorofluoromethane	4.01	101	47735	0.329	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	123355	1.226	ppbv	100
13) Ethanol	3.65	45	43370	2.339	ppbv	93
15) Acetone	3.90	43	677316	6.409	ppbv #	83
18) 1,1-Dichloroethene	4.35	96	57775	1.283	ppbv	93
19) Isopropyl Alcohol	4.02	45	905968	12.641	ppbv	100
20) Methylene Chloride	4.41	84	71165	1.693	ppbv	94
22) trans-1,2-Dichloroethene	4.96	96	13410	0.307	ppbv #	89
24) 1,1-Dichloroethane	5.09	63	3462528	26.728	ppbv	100
26) Hexane	5.78	57	90282	0.809	ppbv #	43
31) cis-1,2-Dichloroethene	5.64	61	30812	0.276	ppbv #	85
32) 1,1,1-Trichloroethane	6.62	97	5482456	29.128	ppbv	98
34) 2-Butanone	5.34	43	49528	0.368	ppbv	93
35) Carbon Tetrachloride	7.14	117	11343m	0.070	ppbv	
36) Benzene	7.01	78	46404	0.216	ppbv #	95
38) Trichloroethene	7.96	130	88875	0.967	ppbv	90
40) 1,4-Dioxane	7.96	88	141979m	4.709	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	116729m	0.320	ppbv	
47) 1,1,2-Trichloroethane	9.61	97	12125m	0.138	ppbv	
52) Tetrachloroethene	11.37	164	74285	0.899	ppbv	93
53) Toluene	9.95	91	221063m	0.868	ppbv	
58) Ethyl Benzene	12.87	91	157465	0.433	ppbv	96
59) m/p-Xylene	13.12	91	689686	2.278	ppbv	97
60) o-Xylene	13.85	91	181009	0.613	ppbv	97
74) 1,2,4-Trimethylbenzene	16.93	105	110889	0.328	ppbv #	77

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

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