

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033209.D
 Acq On : 14 Feb 2019 22:16
 Operator : SY/AP
 Sample : K1483-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:01:36 PM

Quant Time: Feb 21 01:03:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 21 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	5.77	49	956048	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2168643	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2208433	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1749840	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	29395	0.161 ppbv	95
3) Chlorodifluoromethane	3.01	51	36877	0.320 ppbv	94
4) Chloromethane	3.17	50	7522	0.124 ppbv	91
7) Chloroethane	3.60	64	127895	6.164 ppbv	97
10) Heptane	8.26	43	16418	0.098 ppbv	93
11) Trichlorofluoromethane	4.00	101	115134	0.778 ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	321744	3.137 ppbv	99
13) Ethanol	3.66	45	54433	2.880 ppbv	97
15) Acetone	3.91	43	696974	6.471 ppbv #	86
17) tert-Butyl alcohol	4.37	59	49906	2.412 ppbv	98
18) 1,1-Dichloroethene	4.35	96	184920	4.028 ppbv	99
19) Isopropyl Alcohol	4.03	45	84688	1.159 ppbv #	1
20) Methylene Chloride	4.41	84	75565	1.764 ppbv #	86
22) trans-1,2-Dichloroethene	4.96	96	18722	0.420 ppbv #	83
24) 1,1-Dichloroethane	5.09	63	6454477	48.882 ppbv	98
26) Hexane	5.78	57	77052	0.678 ppbv #	41
29) Chloroform	5.85	83	29829m	0.171 ppbv	
31) cis-1,2-Dichloroethene	5.64	61	31654	0.278 ppbv	95
32) 1,1,1-Trichloroethane	6.62	97	18175502	94.741 ppbv	89
34) 2-Butanone	5.35	43	32126	0.234 ppbv	98
36) Benzene	7.01	78	45964	0.209 ppbv	96
37) 1,2-Dichloroethane	6.42	62	36122m	0.297 ppbv	
38) Trichloroethene	7.97	130	82477m	0.878 ppbv	
40) 1,4-Dioxane	7.98	88	48853m	1.585 ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	67727m	0.182 ppbv	
47) 1,1,2-Trichloroethane	9.61	97	23315m	0.259 ppbv	
52) Tetrachloroethene	11.37	164	113594	1.345 ppbv	90
53) Toluene	9.95	91	85507m	0.329 ppbv	
58) Ethyl Benzene	12.87	91	92074	0.254 ppbv	89
59) m/p-Xylene	13.12	91	412278m	1.367 ppbv	
60) o-Xylene	13.85	91	99354	0.338 ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	44047	0.131 ppbv #	79

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

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