

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033205.D
 Acq On : 14 Feb 2019 19:38
 Operator : SY/AP
 Sample : K1483-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-A

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:01:13 PM

Quant Time: Feb 21 00:43:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 21 00:43:48 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	983539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2129987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2187730	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1734775	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	66014	0.351	ppbv	97
3) Chlorodifluoromethane	3.01	51	39199m	0.331	ppbv	
4) Chloromethane	3.17	50	20874	0.334	ppbv #	79
7) Chloroethane	3.60	64	279726	13.104	ppbv	99
10) Heptane	8.25	43	25822m	0.149	ppbv	
11) Trichlorofluoromethane	4.00	101	185549	1.219	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	517162	4.902	ppbv	99
13) Ethanol	3.65	45	107869m	5.548	ppbv	
15) Acetone	3.91	43	841556	7.595	ppbv	92
18) 1,1-Dichloroethene	4.35	96	303134	6.419	ppbv	100
19) Isopropyl Alcohol	4.03	45	780342	10.383	ppbv	100
20) Methylene Chloride	4.41	84	105285	2.389	ppbv	93
22) trans-1,2-Dichloroethene	4.97	96	13952m	0.304	ppbv	
24) 1,1-Dichloroethane	5.09	63	10408316	76.623	ppbv	96
26) Hexane	5.78	57	141277	1.208	ppbv #	42
29) Chloroform	5.85	83	38114	0.213	ppbv	90
32) 1,1,1-Trichloroethane	6.63	97	24526430	124.273	ppbv #	83
34) 2-Butanone	5.35	43	59074	0.437	ppbv	99
36) Benzene	7.01	78	55665	0.258	ppbv	99
37) 1,2-Dichloroethane	6.42	62	63910	0.534	ppbv #	82
38) Trichloroethene	7.97	130	53381	0.579	ppbv #	91
40) 1,4-Dioxane	7.99	88	13434m	0.444	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	131286	0.359	ppbv	90
47) 1,1,2-Trichloroethane	9.62	97	34966	0.395	ppbv	97
52) Tetrachloroethene	11.37	164	143113	1.726	ppbv	95
53) Toluene	9.95	91	262039	1.025	ppbv	98
58) Ethyl Benzene	12.86	91	117389	0.327	ppbv	91
59) m/p-Xylene	13.12	91	515957	1.727	ppbv	98
60) o-Xylene	13.85	91	139870	0.480	ppbv	95
74) 1,2,4-Trimethylbenzene	16.92	105	76308	0.229	ppbv #	81

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

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