

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033207.D
 Acq On : 14 Feb 2019 20:57
 Operator : SY/AP
 Sample : K1483-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-D

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:01:24 PM

Quant Time: Feb 21 00:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.76	49	968073	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2113950	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2135182	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1710383	10.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	62163	0.336	ppbv	96
3) Chlorodifluoromethane	3.01	51	32718m	0.281	ppbv	
4) Chloromethane	3.17	50	9286m	0.151	ppbv	
10) Heptane	8.25	43	18861	0.111	ppbv	100
11) Trichlorofluoromethane	4.00	101	45287	0.302	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	32176	0.310	ppbv	96
13) Ethanol	3.65	45	49114m	2.567	ppbv	
15) Acetone	3.90	43	267229m	2.450	ppbv	
17) tert-Butyl alcohol	4.37	59	33326m	1.591	ppbv	
18) 1,1-Dichloroethene	4.35	96	17781	0.383	ppbv #	91
19) Isopropyl Alcohol	4.03	45	237748m	3.214	ppbv	
20) Methylene Chloride	4.40	84	57854	1.334	ppbv	89
22) trans-1,2-Dichloroethene	4.96	96	27081	0.600	ppbv	92
24) 1,1-Dichloroethane	5.09	63	433130	3.240	ppbv	99
26) Hexane	5.78	57	87363	0.759	ppbv #	42
31) cis-1,2-Dichloroethene	5.63	61	32913	0.286	ppbv #	81
32) 1,1,1-Trichloroethane	6.62	97	454502	2.340	ppbv	97
34) 2-Butanone	5.34	43	30081m	0.224	ppbv	
35) Carbon Tetrachloride	7.14	117	9719m	0.060	ppbv	
36) Benzene	7.00	78	30328	0.142	ppbv	94
38) Trichloroethene	7.96	130	60721	0.663	ppbv	95
44) 2,2,4-Trimethylpentane	7.99	57	38862	0.107	ppbv #	78
52) Tetrachloroethene	11.37	164	22673m	0.275	ppbv	
53) Toluene	9.95	91	128860m	0.508	ppbv	
58) Ethyl Benzene	12.86	91	135977	0.388	ppbv	95
59) m/p-Xylene	13.12	91	656814	2.253	ppbv	97
60) o-Xylene	13.85	91	168653	0.593	ppbv	97
74) 1,2,4-Trimethylbenzene	16.92	105	92929m	0.286	ppbv	

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

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