

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033217.D
 Acq On : 15 Feb 2019 3:31
 Operator : SY/AP
 Sample : K1483-10
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-B

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:02:43 PM

Quant Time: Feb 21 01:42:06 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	915064	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	2041921	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2034225	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1617049	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	95227	0.544	ppbv	96
3) Chlorodifluoromethane	3.02	51	36783m	0.334	ppbv	
5) Vinyl Chloride	3.29	62	3372m	0.056	ppbv	
7) Chloroethane	3.60	64	148873	7.496	ppbv	99
10) Heptane	8.26	43	23962m	0.149	ppbv	
11) Trichlorofluoromethane	4.00	101	291518	2.058	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1176378	11.984	ppbv	100
13) Ethanol	3.66	45	33652	1.860	ppbv	95
15) Acetone	3.92	43	314007	3.046	ppbv #	84
18) 1,1-Dichloroethene	4.35	96	1323679	30.125	ppbv	97
19) Isopropyl Alcohol	4.04	45	55321m	0.791	ppbv	
20) Methylene Chloride	4.41	84	113349	2.764	ppbv	98
24) 1,1-Dichloroethane	5.10	63	15160814	119.961	ppbv #	94
26) Hexane	5.78	57	66682	0.613	ppbv #	41
29) Chloroform	5.86	83	73179	0.439	ppbv	90
31) cis-1,2-Dichloroethene	5.65	61	87403m	0.802	ppbv	
32) 1,1,1-Trichloroethane	6.64	97	39730395m	216.374	ppbv	
34) 2-Butanone	5.37	43	28960	0.224	ppbv	98
38) Trichloroethene	7.98	130	235598	2.664	ppbv	95
44) 2,2,4-Trimethylpentane	8.01	57	95126	0.271	ppbv #	87
47) 1,1,2-Trichloroethane	9.63	97	67620	0.798	ppbv	96
52) Tetrachloroethene	11.38	164	531852	6.689	ppbv	97
53) Toluene	9.96	91	164384	0.671	ppbv	99
58) Ethyl Benzene	12.87	91	170384	0.510	ppbv	99
59) m/p-Xylene	13.12	91	797109	2.870	ppbv	96
60) o-Xylene	13.85	91	205038	0.757	ppbv	97
74) 1,2,4-Trimethylbenzene	16.93	105	112448	0.363	ppbv #	76
79) Naphthalene	22.41	128	36250m	0.109	ppbv	

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

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