

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033224.D
 Acq On : 15 Feb 2019 9:48
 Operator : SY/AP
 Sample : K1483-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-CDUP

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:03:31 PM

Quant Time: Feb 21 02:00:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 21 02:00:11 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	873176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1866762	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1882036	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1524878	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	89404	0.536	ppbv	98
3) Chlorodifluoromethane	3.02	51	38311m	0.364	ppbv	
4) Chloromethane	3.17	50	11518m	0.207	ppbv	
7) Chloroethane	3.60	64	24895	1.314	ppbv #	87
10) Heptane	8.25	43	25669	0.167	ppbv	97
11) Trichlorofluoromethane	4.01	101	49815	0.369	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.56	101	121532	1.297	ppbv	96
13) Ethanol	3.65	45	73645	4.267	ppbv	99
15) Acetone	3.91	43	445497m	4.529	ppbv	
18) 1,1-Dichloroethene	4.35	96	56433	1.346	ppbv	97
19) Isopropyl Alcohol	4.02	45	843676	12.645	ppbv	99
20) Methylene Chloride	4.41	84	101700	2.599	ppbv	94
22) trans-1,2-Dichloroethene	4.97	96	13068	0.321	ppbv	87
24) 1,1-Dichloroethane	5.09	63	3306069	27.414	ppbv	100
26) Hexane	5.78	57	134878	1.299	ppbv #	41
31) cis-1,2-Dichloroethene	5.64	61	29916m	0.288	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	5268155	30.067	ppbv	99
34) 2-Butanone	5.34	43	48283	0.408	ppbv	100
35) Carbon Tetrachloride	7.13	117	11211m	0.079	ppbv	
36) Benzene	7.01	78	48612	0.257	ppbv #	94
38) Trichloroethene	7.97	130	81994m	1.014	ppbv	
40) 1,4-Dioxane	7.97	88	124768m	4.703	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	95874	0.299	ppbv #	91
47) 1,1,2-Trichloroethane	9.62	97	8724	0.113	ppbv #	69
52) Tetrachloroethene	11.37	164	64348m	0.885	ppbv	
53) Toluene	9.95	91	190579	0.851	ppbv	95
58) Ethyl Benzene	12.86	91	128405	0.416	ppbv #	85
59) m/p-Xylene	13.12	91	598307	2.328	ppbv	97
60) o-Xylene	13.85	91	155444	0.620	ppbv	96
74) 1,2,4-Trimethylbenzene	16.93	105	95857	0.334	ppbv #	70

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

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