

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034330.D
 Acq On : 18 Oct 2019 00:01
 Operator : SY/AP
 Sample : K5409-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 2:55:53 PM

Quant Time: Oct 18 05:48:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 18 05:48:54 2019
 QLast Update : Thu Oct 17 05:12:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	892681	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1897517	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1958279	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1623480	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	82955m	0.539	ppbv	
3) Chlorodifluoromethane	2.96	51	31706m	0.303	ppbv	
4) Chloromethane	3.12	50	31228	0.505	ppbv #	88
5) Vinyl Chloride	3.24	62	3778m	0.064	ppbv	
9) Propene	2.99	41	2627444	56.648	ppbv	86
10) Heptane	8.17	43	726228	6.100	ppbv	99
11) Trichlorofluoromethane	3.95	101	34761m	0.238	ppbv	
13) Ethanol	3.60	45	73940m	7.120	ppbv	
15) Acetone	3.84	43	7438778	58.259	ppbv #	79
17) tert-Butyl alcohol	4.31	59	140120	1.719	ppbv #	1
19) Isopropyl Alcohol	3.97	45	72396	1.016	ppbv #	95
20) Methylene Chloride	4.35	84	54967	1.191	ppbv	92
26) Hexane	5.71	57	1234973	13.441	ppbv #	41
27) Carbon Disulfide	4.56	76	234685	2.460	ppbv	99
29) Chloroform	5.78	83	130511	0.898	ppbv	98
30) Cyclohexane	7.17	84	49772m	0.737	ppbv	
31) cis-1,2-Dichloroethene	5.58	61	34360m	0.368	ppbv	
34) 2-Butanone	5.26	43	940332	6.063	ppbv	97
36) Benzene	6.93	78	1095434	6.017	ppbv #	94
38) Trichloroethene	7.88	130	179728	2.460	ppbv	95
44) 2,2,4-Trimethylpentane	7.91	57	129298	0.384	ppbv #	54
50) 4-Methyl-2-Pentanone	8.80	43	107417	0.484	ppbv	100
52) Tetrachloroethene	11.33	164	13361254	187.228	ppbv	92
53) Toluene	9.86	91	1895154	9.432	ppbv	99
58) Ethyl Benzene	12.78	91	557069	2.035	ppbv	96
59) m/p-Xylene	13.04	91	1646088	6.940	ppbv	100
60) o-Xylene	13.77	91	636887	2.697	ppbv	100
61) Styrene	13.60	104	70942	0.427	ppbv	97
62) Isopropylbenzene	14.74	105	55979m	0.180	ppbv	
64) n-propylbenzene	15.64	120	49840m	0.623	ppbv	
65) tert-Butylbenzene	16.85	119	99712m	0.361	ppbv	
72) 4-Ethyltoluene	15.92	105	283108	1.066	ppbv	98
73) 1,3,5-Trimethylbenzene	16.07	105	233868	0.889	ppbv	98
74) 1,2,4-Trimethylbenzene	16.85	105	909228	3.314	ppbv #	72
79) Naphthalene	22.32	128	69871m	0.349	ppbv	
80) Naphthalene,2-methyl-	25.04	142	5809	0.100	ppbv #	53

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

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