

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101719\
 Data File : VL034327.D
 Acq On : 17 Oct 2019 22:02
 Operator : SY/AP
 Sample : K5409-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 2:55:35 PM

Quant Time: Oct 18 05:38:39 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 05:38:39 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	962746	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1994680	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	2011668	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.50	95	1708113	10.03	ppbv	0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	37519	0.226	ppbv #	83
3) Chlorodifluoromethane	2.97	51	34293m	0.304	ppbv	
4) Chloromethane	3.12	50	147625	2.212	ppbv	98
5) Vinyl Chloride	3.24	62	27637	0.434	ppbv #	87
7) Chloroethane	3.54	64	5834m	0.260	ppbv	
9) Propene	2.99	41	4254322	85.048	ppbv	97
10) Heptane	8.17	43	419286	3.266	ppbv	98
11) Trichlorofluoromethane	3.94	101	44719	0.284	ppbv	85
13) Ethanol	3.60	45	93801m	8.375	ppbv	
15) Acetone	3.84	43	8932318	64.865	ppbv #	60
17) tert-Butyl alcohol	4.30	59	167192	1.902	ppbv	95
19) Isopropyl Alcohol	3.97	45	83920	1.092	ppbv #	95
20) Methylene Chloride	4.35	84	36112	0.725	ppbv #	82
26) Hexane	5.71	57	512605	5.173	ppbv #	37
27) Carbon Disulfide	4.56	76	728289	7.079	ppbv	98
29) Chloroform	5.78	83	349077	2.227	ppbv	99
30) Cyclohexane	7.17	84	139276	1.911	ppbv #	88
31) cis-1,2-Dichloroethene	5.58	61	110508	1.099	ppbv	96
32) 1,1,1-Trichloroethane	6.55	97	12814m	0.084	ppbv	
34) 2-Butanone	5.26	43	1005171	6.165	ppbv	97
35) Carbon Tetrachloride	7.06	117	7740m	0.045	ppbv	
36) Benzene	6.93	78	1003486	5.243	ppbv	97
38) Trichloroethene	7.88	130	279920	3.645	ppbv	92
44) 2,2,4-Trimethylpentane	7.92	57	257399	0.727	ppbv #	64
50) 4-Methyl-2-Pentanone	8.80	43	145858m	0.625	ppbv	
51) 2-Hexanone	10.21	43	265880m	1.390	ppbv	
52) Tetrachloroethene	11.38	164	27171202	362.198	ppbv	92
53) Toluene	9.87	91	2558229	12.112	ppbv	99
58) Ethyl Benzene	12.80	91	764340	2.718	ppbv	93
59) m/p-Xylene	13.05	91	2198893	9.025	ppbv	99
60) o-Xylene	13.78	91	877369	3.616	ppbv	100
61) Styrene	13.61	104	75615m	0.443	ppbv	
62) Isopropylbenzene	14.75	105	71587m	0.224	ppbv	
64) n-propylbenzene	15.64	120	61628m	0.750	ppbv	
65) tert-Butylbenzene	16.85	119	106749m	0.376	ppbv	
72) 4-Ethyltoluene	15.93	105	322504	1.183	ppbv	98
73) 1,3,5-Trimethylbenzene	16.08	105	282979m	1.047	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	960841	3.410	ppbv #	73
79) Naphthalene	22.33	128	106232m	0.516	ppbv	
80) Naphthalene,2-methyl-	25.04	142	12581	0.211	ppbv #	85

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

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