

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
 Data File : VL034214.D
 Acq On : 2 Oct 2019 17:13
 Operator : SY/AP
 Sample : K5106-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:29:59 PM

Quant Time: Oct 04 01:48:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	969491	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1839845	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1872272	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.49	95	1633505	10.04	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	40073	0.280	ppbv #	85
3) Chlorodifluoromethane	2.97	51	16299m	0.143	ppbv	
4) Chloromethane	3.12	50	206143	3.086	ppbv	92
5) Vinyl Chloride	3.25	62	49163	0.805	ppbv	98
7) Chloroethane	3.56	64	12641	0.592	ppbv #	79
9) Propene	2.99	41	6597893	117.644	ppbv	86
10) Heptane	8.18	43	2726094	18.651	ppbv	98
11) Trichlorofluoromethane	3.96	101	39439	0.303	ppbv	96
13) Ethanol	3.61	45	634500	46.721	ppbv	95
15) Acetone	3.85	43	6552844m	50.430	ppbv	
17) tert-Butyl alcohol	4.31	59	1025062	12.451	ppbv	98
19) Isopropyl Alcohol	3.98	45	324461	4.061	ppbv #	95
20) Methylene Chloride	4.37	84	76504	2.042	ppbv #	91
26) Hexane	5.72	57	1005992	9.842	ppbv #	39
27) Carbon Disulfide	4.56	76	884975	9.388	ppbv	100
29) Chloroform	5.79	83	1818877	12.453	ppbv	98
30) Cyclohexane	7.18	84	1108605	15.023	ppbv	98
34) 2-Butanone	5.27	43	2943493	15.669	ppbv	94
35) Carbon Tetrachloride	7.08	117	11446m	0.075	ppbv	
36) Benzene	6.94	78	939893	4.625	ppbv	95
37) 1,2-Dichloroethane	6.35	62	24577	0.170	ppbv	97
38) Trichloroethene	7.89	130	12870	0.177	ppbv	90
41) Tetrahydrofuran	6.10	42	37506m	0.354	ppbv	
43) Methyl Methacrylate	8.06	69	75264m	0.897	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	2236110	5.716	ppbv #	68
50) 4-Methyl-2-Pentanone	8.80	43	210343m	0.769	ppbv	
51) 2-Hexanone	10.19	43	312861m	1.364	ppbv	
52) Tetrachloroethene	11.30	164	982776	14.639	ppbv	95
53) Toluene	9.87	91	790570	3.560	ppbv	98
58) Ethyl Benzene	12.78	91	227777	0.754	ppbv #	80
59) m/p-Xylene	13.04	91	660798	2.641	ppbv	97
60) o-Xylene	13.77	91	276778	1.106	ppbv	95
61) Styrene	13.60	104	26641m	0.149	ppbv	
64) n-propylbenzene	15.64	120	23966m	0.292	ppbv	
69) p-Isopropyltoluene	17.73	119	47444m	0.145	ppbv	
70) n-Butylbenzene	18.65	91	60426m	0.158	ppbv	
72) 4-Ethyltoluene	15.92	105	139605	0.494	ppbv	96
73) 1,3,5-Trimethylbenzene	16.08	105	124659	0.456	ppbv	98
74) 1,2,4-Trimethylbenzene	16.84	105	426986	1.473	ppbv #	66
79) Naphthalene	22.32	128	69738m	0.273	ppbv	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
Data File : VL034214.D
Acq On : 2 Oct 2019 17:13
Operator : SY/AP
Sample : K5106-03
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-3

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:29:59 PM

Quant Time: Oct 04 01:48:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

