

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032319.D
 Acq On : 27 Jul 2018 14:57
 Operator : SY/AP
 Sample : J4131-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:07 AM

Quant Time: Jul 28 00:13:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.83	49	1760346	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3631234	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	4148023	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	3081169	9.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	50547	0.24	ppbv	93
3) Chlorodifluoromethane	3.06	51	8076546m	45.89	ppbv	
4) Chloromethane	3.22	50	85801	0.81	ppbv	91
9) Propene	3.09	41	324639m	4.10	ppbv	
10) Heptane	8.33	43	248349	0.89	ppbv	98
11) Trichlorofluoromethane	4.06	101	59947	0.30	ppbv	98
13) Ethanol	3.71	45	241491	10.62	ppbv	100
15) Acetone	3.95	43	2091284	12.60	ppbv	96
17) tert-Butyl alcohol	4.44	59	45903m	0.87	ppbv	
20) Methylene Chloride	4.47	84	1165553	17.48	ppbv	99
26) Hexane	5.85	57	1699479	10.09	ppbv #	48
27) Carbon Disulfide	4.68	76	77606	0.51	ppbv #	89
28) Methyl tert-Butyl Ether	5.18	73	207297	0.91	ppbv	98
29) Chloroform	5.92	83	95638	0.39	ppbv	89
30) Cyclohexane	7.33	84	152675	1.16	ppbv #	73
34) 2-Butanone	5.40	43	1299948	5.53	ppbv	100
35) Carbon Tetrachloride	7.21	117	20423m	0.10	ppbv	
36) Benzene	7.09	78	84376m	0.26	ppbv	
37) 1,2-Dichloroethane	6.49	62	39348m	0.21	ppbv	
41) Tetrahydrofuran	6.23	42	14154m	0.11	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	112460	0.16	ppbv #	17
50) 4-Methyl-2-Pentanone	8.96	43	80602	0.19	ppbv	93
51) 2-Hexanone	10.37	43	163251	0.52	ppbv #	98
52) Tetrachloroethene	11.45	164	10630m	0.10	ppbv	
53) Toluene	10.03	91	1457650	3.81	ppbv	99
58) Ethyl Benzene	12.95	91	528270	1.02	ppbv	96
59) m/p-Xylene	13.20	91	1421168	3.21	ppbv	99
60) o-Xylene	13.93	91	780355	1.80	ppbv	97
61) Styrene	13.77	104	447463	1.40	ppbv	100
62) Isopropylbenzene	14.91	105	115013	0.19	ppbv	96
69) p-Isopropyltoluene	17.90	119	88126	0.15	ppbv	91
72) 4-Ethyltoluene	16.08	105	85569m	0.18	ppbv	
73) 1,3,5-Trimethylbenzene	16.24	105	90040	0.19	ppbv	95
74) 1,2,4-Trimethylbenzene	17.01	105	274758m	0.54	ppbv	

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072718\
Data File : VL032319.D
Acq On : 27 Jul 2018 14:57
Operator : SY/AP
Sample : J4131-01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Manual Integrations
APPROVED

MMDadoda
7/30/2018 11:43:07 AM

Quant Time: Jul 28 00:13:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 27 07:05:37 2018
Response via : Initial Calibration

