

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032320.D
 Acq On : 27 Jul 2018 15:39
 Operator : SY/AP
 Sample : J4131-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DUP

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:08 AM

Quant Time: Jul 28 00:20:09 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	1603620	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3097689	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	3730191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.66	95	2942372	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	43249	0.22	ppbv	99
3) Chlorodifluoromethane	3.06	51	7314638m	45.62	ppbv	
4) Chloromethane	3.22	50	85189	0.88	ppbv	96
9) Propene	3.09	41	284898m	3.95	ppbv	
10) Heptane	8.33	43	228055	0.90	ppbv	97
11) Trichlorofluoromethane	4.06	101	54870	0.30	ppbv	88
13) Ethanol	3.71	45	226398	10.93	ppbv	99
15) Acetone	3.95	43	2092290	13.84	ppbv	99
17) tert-Butyl alcohol	4.44	59	43820m	0.91	ppbv	
20) Methylene Chloride	4.47	84	1505796	24.79	ppbv	98
26) Hexane	5.85	57	1908174	12.43	ppbv #	47
27) Carbon Disulfide	4.68	76	71005	0.51	ppbv #	90
28) Methyl tert-Butyl Ether	5.18	73	194319	0.94	ppbv	96
29) Chloroform	5.92	83	85769	0.38	ppbv	94
30) Cyclohexane	7.33	84	124918	1.04	ppbv #	68
34) 2-Butanone	5.40	43	1215512	6.06	ppbv	98
35) Carbon Tetrachloride	7.21	117	17627m	0.10	ppbv	
36) Benzene	7.08	78	85714	0.31	ppbv	95
37) 1,2-Dichloroethane	6.49	62	32381	0.21	ppbv #	85
41) Tetrahydrofuran	6.23	42	15503m	0.14	ppbv	
44) 2,2,4-Trimethylpentane	8.07	57	121302	0.20	ppbv #	44
50) 4-Methyl-2-Pentanone	8.97	43	76673	0.22	ppbv	99
51) 2-Hexanone	10.37	43	153702m	0.57	ppbv	
52) Tetrachloroethene	11.45	164	9171m	0.10	ppbv	
53) Toluene	10.03	91	1295107	3.97	ppbv	98
58) Ethyl Benzene	12.95	91	467938	1.00	ppbv	96
59) m/p-Xylene	13.21	91	1256019	3.15	ppbv	100
60) o-Xylene	13.93	91	674681	1.73	ppbv	98
61) Styrene	13.77	104	393762	1.37	ppbv	99
62) Isopropylbenzene	14.91	105	113537	0.20	ppbv	98
69) p-Isopropyltoluene	17.90	119	76466m	0.14	ppbv	
72) 4-Ethyltoluene	16.08	105	80397	0.18	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.25	105	94978m	0.22	ppbv	
74) 1,2,4-Trimethylbenzene	17.01	105	279441	0.62	ppbv #	73

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

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