

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032324.D
 Acq On : 27 Jul 2018 18:28
 Operator : SY/AP
 Sample : J4131-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 11:43:17 AM

Quant Time: Jul 28 00:47:52 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	1690452	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3469562	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.32	117	3979032	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.66	95	3115193	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.12	85	31930	0.16	ppbv	93
3) Chlorodifluoromethane	3.06	51	480755m	2.84	ppbv	
4) Chloromethane	3.22	50	40410	0.39	ppbv	98
9) Propene	3.08	41	311754	4.10	ppbv	96
10) Heptane	8.33	43	116891	0.44	ppbv	100
11) Trichlorofluoromethane	4.06	101	7056795	36.23	ppbv	97
13) Ethanol	3.70	45	798514	36.56	ppbv	98
15) Acetone	3.95	43	2326190	14.60	ppbv #	74
17) tert-Butyl alcohol	4.43	59	64040m	1.26	ppbv	
20) Methylene Chloride	4.47	84	324457	5.07	ppbv	95
26) Hexane	5.85	57	367476	2.27	ppbv #	72
27) Carbon Disulfide	4.68	76	84949	0.58	ppbv #	86
28) Methyl tert-Butyl Ether	5.18	73	27652	0.13	ppbv #	51
29) Chloroform	5.92	83	289603	1.23	ppbv	91
30) Cyclohexane	7.32	84	61226m	0.49	ppbv	
32) 1,1,1-Trichloroethane	6.69	97	138027	0.66	ppbv	97
34) 2-Butanone	5.39	43	6843367	30.47	ppbv	99
35) Carbon Tetrachloride	7.21	117	8471	0.04	ppbv #	72
36) Benzene	7.08	78	68039m	0.22	ppbv	
37) 1,2-Dichloroethane	6.49	62	20551	0.12	ppbv	98
38) Trichloroethene	8.04	130	15022	0.13	ppbv #	66
41) Tetrahydrofuran	6.23	42	37820	0.30	ppbv #	87
44) 2,2,4-Trimethylpentane	8.07	57	84696m	0.13	ppbv	
50) 4-Methyl-2-Pentanone	8.95	43	79937m	0.20	ppbv	
51) 2-Hexanone	10.35	43	1296902	4.30	ppbv #	99
52) Tetrachloroethene	11.46	164	120587m	1.17	ppbv	
53) Toluene	10.03	91	2075464	5.68	ppbv	100
58) Ethyl Benzene	12.94	91	1506436	3.02	ppbv	91
59) m/p-Xylene	13.21	91	4224552	9.95	ppbv	99
60) o-Xylene	13.93	91	2098131	5.04	ppbv	97
61) Styrene	13.77	104	2412951	7.87	ppbv	99
62) Isopropylbenzene	14.91	105	1386413	2.34	ppbv	99
64) n-propylbenzene	15.81	120	81172	0.53	ppbv	79
65) tert-Butylbenzene	17.01	119	115870	0.23	ppbv #	67
69) p-Isopropyltoluene	17.91	119	379580	0.65	ppbv #	92
72) 4-Ethyltoluene	16.08	105	464265	0.99	ppbv	99
73) 1,3,5-Trimethylbenzene	16.25	105	510844	1.11	ppbv	98
74) 1,2,4-Trimethylbenzene	17.01	105	1064121	2.20	ppbv #	71
79) Naphthalene	22.52	128	234368	0.56	ppbv	96
80) Naphthalene,2-methyl-	25.18	142	23119	0.14	ppbv #	80

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

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