

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071318\
 Data File : VL032251.D
 Acq On : 13 Jul 2018 18:43
 Operator : SY/AP
 Sample : J3753-02
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MID

Manual Integrations
 APPROVED

apatel
 7/16/2018 8:08:22 AM

Quant Time: Jul 14 03:38:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1604920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.39	114	3495316	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.34	117	4097719	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3129692	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.13	85	127647	0.552	ppbv	95
3) Chlorodifluoromethane	3.06	51	93112m	0.472	ppbv	
4) Chloromethane	3.23	50	30744m	0.274	ppbv	
7) Chloroethane	3.66	64	53316	1.401	ppbv	98
9) Propene	3.09	41	191793	2.281	ppbv	91
10) Heptane	8.34	43	233142	0.976	ppbv	97
11) Trichlorofluoromethane	4.07	101	78056	0.353	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.62	101	277446	1.965	ppbv	98
13) Ethanol	3.74	45	10012894	412.606	ppbv	100
15) Acetone	3.96	43	7429753	39.894	ppbv	97
17) tert-Butyl alcohol	4.46	59	960583	11.047	ppbv	100
18) 1,1-Dichloroethene	4.42	96	110852	1.687	ppbv	94
19) Isopropyl Alcohol	4.13	45	6144353	50.244	ppbv #	99
20) Methylene Chloride	4.48	84	167522	2.654	ppbv	98
22) trans-1,2-Dichloroethene	5.04	96	91662	1.466	ppbv	93
24) 1,1-Dichloroethane	5.17	63	2472218	11.368	ppbv	98
26) Hexane	5.86	57	336946	2.004	ppbv #	69
30) Cyclohexane	7.33	84	81038	0.546	ppbv	95
31) cis-1,2-Dichloroethene	5.72	61	26966m	0.161	ppbv	
32) 1,1,1-Trichloroethane	6.71	97	15304524	60.770	ppbv	95
34) 2-Butanone	5.41	43	1620659	6.805	ppbv	99
35) Carbon Tetrachloride	7.22	117	12335m	0.052	ppbv	
36) Benzene	7.10	78	173142	0.498	ppbv #	93
44) 2,2,4-Trimethylpentane	8.08	57	1531846	2.564	ppbv	96
50) 4-Methyl-2-Pentanone	8.96	43	295624	0.718	ppbv	94
52) Tetrachloroethene	11.47	164	20270m	0.158	ppbv	
53) Toluene	10.04	91	2172103	5.289	ppbv	99
58) Ethyl Benzene	12.96	91	678968	1.138	ppbv	96
59) m/p-Xylene	13.22	91	2075645	4.228	ppbv	100
60) o-Xylene	13.94	91	836872	1.727	ppbv	99
61) Styrene	13.79	104	49252m	0.136	ppbv	
69) p-Isopropyltoluene	17.92	119	1713333	2.647	ppbv	99
72) 4-Ethyltoluene	16.10	105	261716m	0.481	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	212259	0.420	ppbv	96
74) 1,2,4-Trimethylbenzene	17.02	105	889364	1.721	ppbv #	73
75) 1,3-Dichlorobenzene	17.26	146	601705	1.951	ppbv #	39
79) Naphthalene	22.54	128	115881m	0.334	ppbv	
80) Naphthalene,2-methyl-	25.19	142	50598	0.456	ppbv #	91

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

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