

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050720\
 Data File : VL034970.D
 Acq On : 7 May 2020 16:31
 Operator : SY/AP
 Sample : L2524-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSRG1

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 5:22:35 PM

Quant Time: May 08 08:51:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1028985	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2371780	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2221355	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1858807	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	22196m	0.152	ppbv	
3) Chlorodifluoromethane	2.95	51	23732	0.202	ppbv	95
9) Propene	2.99	41	23692m	0.465	ppbv	
10) Heptane	8.14	43	119096	0.933	ppbv	97
11) Trichlorofluoromethane	3.93	101	43519	0.289	ppbv	89
13) Ethanol	3.58	45	728333	43.296	ppbv	98
15) Acetone	3.83	43	1245825	9.158	ppbv	100
17) tert-Butyl alcohol	4.29	59	46682	0.386	ppbv	100
19) Isopropyl Alcohol	3.95	45	365503	4.029	ppbv #	97
20) Methylene Chloride	4.33	84	57802	1.284	ppbv	93
26) Hexane	5.69	57	145336	1.467	ppbv #	41
27) Carbon Disulfide	4.54	76	36930m	0.316	ppbv	
29) Chloroform	5.75	83	26175	0.161	ppbv	97
30) Cyclohexane	7.14	84	35751m	0.468	ppbv	
34) 2-Butanone	5.24	43	187398	1.271	ppbv	99
35) Carbon Tetrachloride	7.04	117	5406m	0.036	ppbv	
36) Benzene	6.90	78	294878	1.508	ppbv #	93
44) 2,2,4-Trimethylpentane	7.89	57	132365	0.381	ppbv #	71
52) Tetrachloroethene	11.26	164	5998m	0.086	ppbv	
53) Toluene	9.84	91	5483800	26.455	ppbv	97
58) Ethyl Benzene	12.75	91	1372552	4.997	ppbv	93
59) m/p-Xylene	13.01	91	4627736	19.148	ppbv #	60
60) o-Xylene	13.73	91	1914370	8.027	ppbv	100
61) Styrene	13.57	104	76923	0.510	ppbv	99
62) Isopropylbenzene	14.72	105	100977m	0.284	ppbv	
64) n-propylbenzene	15.62	120	108222m	1.185	ppbv	
70) n-Butylbenzene	18.61	91	127416	0.336	ppbv #	37
72) 4-Ethyltoluene	15.89	105	678011	2.548	ppbv	98
73) 1,3,5-Trimethylbenzene	16.05	105	740994	2.862	ppbv	99
74) 1,2,4-Trimethylbenzene	16.82	105	2483376	8.786	ppbv #	77
79) Naphthalene	22.28	128	122694m	0.557	ppbv	

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

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