

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034745.D
 Acq On : 28 Feb 2020 20:27
 Operator : SY/AP
 Sample : L1661-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6-CR-104

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:01:35 PM

Quant Time: Mar 02 12:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1059353	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2140496	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2260758	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1858210	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	34155	0.204	ppbv	# 83
4) Chloromethane	3.11	50	22649m	0.354	ppbv	
7) Chloroethane	3.54	64	5505m	0.236	ppbv	
9) Propene	2.98	41	29901	0.626	ppbv	86
10) Heptane	8.14	43	78459	0.638	ppbv	99
11) Trichlorofluoromethane	3.93	101	42523	0.291	ppbv	93
13) Ethanol	3.59	45	2320130	153.684	ppbv	97
15) Acetone	3.82	43	2423716	20.078	ppbv	99
17) tert-Butyl alcohol	4.29	59	499888	5.404	ppbv	99
19) Isopropyl Alcohol	3.96	45	4146200	57.664	ppbv	# 99
20) Methylene Chloride	4.32	84	301879	6.724	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	4862m	0.108	ppbv	
26) Hexane	5.68	57	186708	1.896	ppbv	# 53
29) Chloroform	5.75	83	69185	0.441	ppbv	94
30) Cyclohexane	7.14	84	29618m	0.388	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	26111	0.269	ppbv	# 87
34) 2-Butanone	5.23	43	407454	3.024	ppbv	98
35) Carbon Tetrachloride	7.02	117	10631m	0.074	ppbv	
36) Benzene	6.90	78	91109m	0.493	ppbv	
38) Trichloroethene	7.85	130	419670	5.889	ppbv	97
40) 1,4-Dioxane	7.86	88	17512m	0.700	ppbv	
41) Tetrahydrofuran	6.05	42	130634	1.837	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	218528	0.676	ppbv	# 83
50) 4-Methyl-2-Pentanone	8.77	43	89305	0.468	ppbv	97
52) Tetrachloroethene	11.26	164	22077m	0.326	ppbv	
53) Toluene	9.83	91	946813	4.815	ppbv	99
58) Ethyl Benzene	12.75	91	247931m	0.906	ppbv	
59) m/p-Xylene	13.00	91	769447	3.225	ppbv	100
60) o-Xylene	13.73	91	294176	1.243	ppbv	98
61) Styrene	13.56	104	23807m	0.157	ppbv	
64) n-propylbenzene	15.60	120	16871m	0.190	ppbv	
69) p-Isopropyltoluene	17.70	119	507795	1.438	ppbv	# 92
70) n-Butylbenzene	18.61	91	58746m	0.153	ppbv	
72) 4-Ethyltoluene	15.88	105	100173m	0.380	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	133646m	0.527	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	461616	1.649	ppbv	# 68
76) 1,4-Dichlorobenzene	17.19	146	27845m	0.172	ppbv	
79) Naphthalene	22.27	128	48887m	0.198	ppbv	

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

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