

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034720.D
 Acq On : 27 Feb 2020 22:34
 Operator : SY/AP
 Sample : L1661-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-ELECT-RM

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:16 PM

Quant Time: Feb 28 11:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 28
 QLast Update : Wed Feb 26 06:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1104205	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2230154	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2307292	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1929513	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	131742	0.756	ppbv	98
9) Propene	2.99	41	95682m	1.921	ppbv	
10) Heptane	8.14	43	75934m	0.592	ppbv	
11) Trichlorofluoromethane	3.92	101	43134m	0.283	ppbv	
13) Ethanol	3.60	45	4619643	293.572	ppbv	100
15) Acetone	3.82	43	3042628	24.181	ppbv	98
17) tert-Butyl alcohol	4.30	59	500705	5.193	ppbv	99
19) Isopropyl Alcohol	3.97	45	4939635	65.908	ppbv #	98
20) Methylene Chloride	4.33	84	181237	3.873	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	9910m	0.211	ppbv	
26) Hexane	5.68	57	159820	1.557	ppbv #	57
29) Chloroform	5.75	83	86308	0.528	ppbv	93
30) Cyclohexane	7.13	84	31854m	0.400	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	406352	4.022	ppbv	96
32) 1,1,1-Trichloroethane	6.52	97	27338m	0.179	ppbv	
34) 2-Butanone	5.24	43	387094	2.758	ppbv	96
35) Carbon Tetrachloride	7.03	117	11881m	0.080	ppbv	
36) Benzene	6.90	78	105496	0.548	ppbv #	92
38) Trichloroethene	7.85	130	410016	5.523	ppbv	95
41) Tetrahydrofuran	6.05	42	171479	2.314	ppbv	98
44) 2,2,4-Trimethylpentane	7.88	57	254879	0.757	ppbv #	80
50) 4-Methyl-2-Pentanone	8.77	43	88733	0.446	ppbv	99
52) Tetrachloroethene	11.26	164	10216m	0.145	ppbv	
53) Toluene	9.83	91	895287	4.370	ppbv	97
58) Ethyl Benzene	12.75	91	215233	0.771	ppbv	91
59) m/p-Xylene	13.00	91	709693	2.915	ppbv	99
60) o-Xylene	13.73	91	272753	1.129	ppbv	99
61) Styrene	13.57	104	19604m	0.126	ppbv	
64) n-propylbenzene	15.60	120	16597m	0.183	ppbv	
65) tert-Butylbenzene	16.81	119	38920m	0.128	ppbv	
69) p-Isopropyltoluene	17.70	119	494546	1.372	ppbv	94
72) 4-Ethyltoluene	15.88	105	82385	0.306	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.05	105	75388m	0.291	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	343402m	1.202	ppbv	
76) 1,4-Dichlorobenzene	17.18	146	27773m	0.168	ppbv	
79) Naphthalene	22.27	128	52361m	0.208	ppbv	

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

