

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034753.D
 Acq On : 29 Feb 2020 1:48
 Operator : SY/AP
 Sample : L1698-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8-4

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:02:17 PM

Quant Time: Mar 02 12:28:46 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	1030462	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2155951	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2233861	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1866190	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	91146	0.561	ppbv	90
3) Chlorodifluoromethane	2.95	51	37473m	0.337	ppbv	
4) Chloromethane	3.11	50	39275	0.631	ppbv	94
9) Propene	2.99	41	209420	4.505	ppbv #	75
10) Heptane	8.14	43	228685m	1.911	ppbv	
11) Trichlorofluoromethane	3.93	101	38671	0.272	ppbv	94
13) Ethanol	3.58	45	748125	50.945	ppbv	95
15) Acetone	3.82	43	1499534	12.770	ppbv #	77
17) tert-Butyl alcohol	4.29	59	39809m	0.442	ppbv	
19) Isopropyl Alcohol	3.95	45	912475	13.046	ppbv #	1
20) Methylene Chloride	4.33	84	191866	4.393	ppbv	95
23) Vinyl Acetate	5.06	43	440419	2.759	ppbv #	94
26) Hexane	5.68	57	322873	3.370	ppbv #	46
29) Chloroform	5.75	83	16193	0.106	ppbv	83
30) Cyclohexane	7.14	84	46527	0.627	ppbv #	91
31) cis-1,2-Dichloroethene	5.55	61	16819	0.178	ppbv #	79
34) 2-Butanone	5.24	43	549555	4.050	ppbv	98
35) Carbon Tetrachloride	7.03	117	11465m	0.079	ppbv	
36) Benzene	6.90	78	171380	0.920	ppbv	94
38) Trichloroethene	7.84	130	63415m	0.884	ppbv	
41) Tetrahydrofuran	6.06	42	40559m	0.566	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	246781	0.758	ppbv #	80
50) 4-Methyl-2-Pentanone	8.76	43	162557m	0.846	ppbv	
52) Tetrachloroethene	11.25	164	1357746	19.892	ppbv	97
53) Toluene	9.83	91	1287677	6.502	ppbv	99
58) Ethyl Benzene	12.74	91	338693	1.253	ppbv	96
59) m/p-Xylene	13.00	91	996732	4.228	ppbv	98
60) o-Xylene	13.73	91	352959m	1.509	ppbv	
61) Styrene	13.57	104	25435m	0.169	ppbv	
64) n-propylbenzene	15.60	120	22521m	0.256	ppbv	
72) 4-Ethyltoluene	15.88	105	133303	0.512	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.03	105	121434	0.485	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.80	105	448444	1.621	ppbv #	68
79) Naphthalene	22.27	128	43223m	0.178	ppbv	

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

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