

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030320\
 Data File : VL034772.D
 Acq On : 3 Mar 2020 20:29
 Operator : SY/AP
 Sample : L1698-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-7-4

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 4:49:23 PM

Quant Time: Mar 04 07:50:32 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	5.69	49	1099202	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	2267859	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.15	117	2224368	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1868539	10.24	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	24945	0.144	ppbv	89
3) Chlorodifluoromethane	2.96	51	24552m	0.207	ppbv	
10) Heptane	8.16	43	161508	1.265	ppbv	97
11) Trichlorofluoromethane	3.94	101	1324754	8.722	ppbv	95
13) Ethanol	3.60	45	290183	18.525	ppbv	94
15) Acetone	3.84	43	2968091	23.696	ppbv	93
17) tert-Butyl alcohol	4.30	59	42620	0.444	ppbv	95
20) Methylene Chloride	4.35	84	209370	4.494	ppbv	96
26) Hexane	5.70	57	163788m	1.603	ppbv	
29) Chloroform	5.78	83	39416m	0.242	ppbv	
30) Cyclohexane	7.17	84	24074m	0.304	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	13331	0.133	ppbv #	88
32) 1,1,1-Trichloroethane	6.55	97	5605m	0.037	ppbv	
34) 2-Butanone	5.26	43	284792	1.995	ppbv	98
35) Carbon Tetrachloride	7.05	117	10957m	0.072	ppbv	
36) Benzene	6.92	78	60185	0.307	ppbv #	91
38) Trichloroethene	7.88	130	70069m	0.928	ppbv	
44) 2,2,4-Trimethylpentane	7.91	57	176767	0.516	ppbv #	79
50) 4-Methyl-2-Pentanone	8.80	43	63932m	0.316	ppbv	
52) Tetrachloroethene	11.28	164	763812	10.638	ppbv	95
53) Toluene	9.86	91	1605838	7.708	ppbv	100
58) Ethyl Benzene	12.78	91	249503m	0.927	ppbv	
59) m/p-Xylene	13.03	91	836875m	3.565	ppbv	
60) o-Xylene	13.76	91	345439	1.483	ppbv	95
61) Styrene	13.59	104	19713m	0.132	ppbv	
72) 4-Ethyltoluene	15.91	105	168274	0.649	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.07	105	172249	0.691	ppbv	92
74) 1,2,4-Trimethylbenzene	16.83	105	636646	2.312	ppbv #	64
79) Naphthalene	22.31	128	52414m	0.216	ppbv	

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

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