

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034728.D
 Acq On : 28 Feb 2020 3:55
 Operator : SY/AP
 Sample : L1661-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5-TEACHER-WORK

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:53 PM

Quant Time: Feb 28 12:36:48 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	5.67	49	1095202	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2280679	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2293389	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1914006	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	89579	0.518	ppbv	94
10) Heptane	8.13	43	147790	1.162	ppbv	98
11) Trichlorofluoromethane	3.93	101	41667	0.275	ppbv	85
13) Ethanol	3.60	45	4299865	275.497	ppbv	99
15) Acetone	3.82	43	3826106	30.658	ppbv	97
17) tert-Butyl alcohol	4.30	59	1012146	10.584	ppbv	100
19) Isopropyl Alcohol	3.97	45	7126144m	95.864	ppbv	
20) Methylene Chloride	4.33	84	43330	0.934	ppbv #	86
22) trans-1,2-Dichloroethene	4.88	96	8746	0.187	ppbv #	56
26) Hexane	5.68	57	149789	1.471	ppbv #	72
29) Chloroform	5.75	83	148522	0.916	ppbv	90
30) Cyclohexane	7.14	84	58455	0.741	ppbv	95
31) cis-1,2-Dichloroethene	5.55	61	51687	0.516	ppbv #	87
32) 1,1,1-Trichloroethane	6.52	97	13741m	0.091	ppbv	
34) 2-Butanone	5.24	43	574455	4.002	ppbv	98
35) Carbon Tetrachloride	7.02	117	17641m	0.115	ppbv	
36) Benzene	6.90	78	159854	0.812	ppbv	96
38) Trichloroethene	7.85	130	461116	6.073	ppbv	97
41) Tetrahydrofuran	6.05	42	242377	3.199	ppbv	96
44) 2,2,4-Trimethylpentane	7.88	57	388558	1.129	ppbv #	82
50) 4-Methyl-2-Pentanone	8.77	43	164114	0.807	ppbv	96
52) Tetrachloroethene	11.25	164	16951m	0.235	ppbv	
53) Toluene	9.83	91	1433734	6.843	ppbv	99
58) Ethyl Benzene	12.75	91	390922	1.409	ppbv	95
59) m/p-Xylene	13.00	91	1171348	4.840	ppbv	100
60) o-Xylene	13.73	91	469678	1.956	ppbv	98
61) Styrene	13.56	104	38316m	0.248	ppbv	
62) Isopropylbenzene	14.71	105	38521m	0.110	ppbv	
64) n-propylbenzene	15.60	120	31406m	0.348	ppbv	
69) p-Isopropyltoluene	17.70	119	766911	2.140	ppbv	99
70) n-Butylbenzene	18.60	91	74377m	0.191	ppbv	
72) 4-Ethyltoluene	15.88	105	172045m	0.644	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	141719m	0.551	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	572620m	2.016	ppbv	
76) 1,4-Dichlorobenzene	17.19	146	44393m	0.271	ppbv	
79) Naphthalene	22.27	128	85554m	0.342	ppbv	

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

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