

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
 Data File : VL038595.D
 Acq On : 14 Mar 2022 14:15
 Operator : SY/AP
 Sample : N1885-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 21:55:00 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	786701	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2061620	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1948600	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1418730	9.58	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	17857	0.15	ppbv	91
3) Chlorodifluoromethane	2.98	51	43419m	0.31	ppbv	
4) Chloromethane	3.13	50	13769	0.27	ppbv	100
9) Propene	3.19	41	347434	7.10	ppbv	88
10) Heptane	8.09	43	102573	0.88	ppbv	96
11) Trichlorofluoromethane	3.93	101	29309	0.28	ppbv	86
13) Ethanol	3.58	45	440549	78.35	ppbv	93
15) Acetone	3.83	43	1071017	19.30	ppbv	93
17) tert-Butyl alcohol	4.28	59	22081m	0.37	ppbv	
19) Isopropyl Alcohol	3.95	45	43235m	1.17	ppbv	
20) Methylene Chloride	4.32	84	1125906	33.72	ppbv	99
26) Hexane	5.66	57	380478	4.34	ppbv #	48
27) Carbon Disulfide	4.53	76	20619	0.24	ppbv	98
29) Chloroform	5.72	83	36262	0.27	ppbv	98
30) Cyclohexane	7.10	84	27710m	0.37	ppbv	
34) 2-Butanone	5.22	43	696521	13.03	ppbv	98
35) Carbon Tetrachloride	6.99	117	7976m	0.06	ppbv	
36) Benzene	6.86	78	136151	0.73	ppbv	96
44) 2,2,4-Trimethylpentane	7.84	57	213825	0.68	ppbv #	86
50) 4-Methyl-2-Pentanone	8.73	43	38673	0.35	ppbv	99
51) 2-Hexanone	10.10	43	301073	6.50	ppbv #	95
52) Tetrachloroethene	11.19	164	23955	0.35	ppbv	95
53) Toluene	9.77	91	2449451	12.33	ppbv	99
58) Ethyl Benzene	12.67	91	677733	2.69	ppbv	99
59) m/p-Xylene	12.93	91	1775897	8.22	ppbv	95
60) o-Xylene	13.65	91	778263	3.82	ppbv	97
62) Isopropylbenzene	14.63	105	51202	0.18	ppbv	99
65) tert-Butylbenzene	16.72	119	145583	0.58	ppbv #	72
67) sec-Butylbenzene	17.26	105	39556m	0.11	ppbv	
70) n-Butylbenzene	18.52	91	125882m	0.40	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	328926	1.51	ppbv	98
74) 1,2,4-Trimethylbenzene	16.72	105	1270200	5.47	ppbv #	79
79) Naphthalene	22.16	128	103925m	0.50	ppbv	

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

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