

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031422\
 Data File : VL038596.D
 Acq On : 14 Mar 2022 14:58
 Operator : SY/AP
 Sample : N1885-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 21:56:53 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	859147	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2260071	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2006857	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1535480	10.06	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	20722	0.16	ppbv	95
3) Chlorodifluoromethane	2.98	51	31946m	0.21	ppbv	
4) Chloromethane	3.13	50	17304	0.31	ppbv	96
9) Propene	3.01	41	521897	9.76	ppbv #	82
10) Heptane	8.09	43	365910	2.86	ppbv	96
11) Trichlorofluoromethane	3.93	101	26363m	0.23	ppbv	
13) Ethanol	3.59	45	240087	39.10	ppbv	94
15) Acetone	3.83	43	3600789	59.42	ppbv	95
17) tert-Butyl alcohol	4.28	59	26464	0.40	ppbv #	73
19) Isopropyl Alcohol	3.95	45	115210	2.85	ppbv #	92
20) Methylene Chloride	4.33	84	1818878	49.87	ppbv	97
26) Hexane	5.66	57	813802	8.49	ppbv #	44
27) Carbon Disulfide	4.53	76	294792	3.09	ppbv	99
29) Chloroform	5.73	83	16248	0.11	ppbv	94
30) Cyclohexane	7.10	84	92590	1.12	ppbv #	82
34) 2-Butanone	5.22	43	344671	5.88	ppbv	93
35) Carbon Tetrachloride	6.99	117	6770m	0.04	ppbv	
36) Benzene	6.86	78	216033	1.06	ppbv	94
50) 4-Methyl-2-Pentanone	8.72	43	67388	0.56	ppbv	94
52) Tetrachloroethene	11.19	164	10462m	0.14	ppbv	
53) Toluene	9.77	91	478520	2.20	ppbv	100
58) Ethyl Benzene	12.68	91	122171	0.47	ppbv	95
59) m/p-Xylene	12.93	91	429120	1.93	ppbv	92
60) o-Xylene	13.65	91	380878	1.81	ppbv	100
61) Styrene	13.49	104	13771m	0.13	ppbv	
62) Isopropylbenzene	14.63	105	39697m	0.14	ppbv	
65) tert-Butylbenzene	16.72	119	57659	0.22	ppbv #	72
67) sec-Butylbenzene	17.26	105	38903	0.11	ppbv	98
69) p-Isopropyltoluene	17.62	119	37385m	0.12	ppbv	
70) n-Butylbenzene	18.53	91	66390m	0.20	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	263488	1.18	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	506580	2.12	ppbv #	79
79) Naphthalene	22.15	128	521936	2.42	ppbv	97
80) Naphthalene,2-methyl-	24.95	142	4609	0.12	ppbv #	70

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

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