

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038387.D
 Acq On : 22 Feb 2022 13:44
 Operator : SY/AP
 Sample : N1585-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-FAM4GL-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:03:45 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.658	49	1015620	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2533402	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.069	117	2388178	10.000	ppbv	# 0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2031326 10.280 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	258675	1.608	ppbv	94
4) Chloromethane	3.140	50	41870	0.672	ppbv	100
5) Vinyl Chloride	3.256	62	417155	6.404	ppbv	95
7) Chloroethane	3.558	64	69858	3.339	ppbv	100
9) Propene	3.009	41	3562869	60.170	ppbv	87
10) Heptane	8.115	43	660896	4.585	ppbv	99
11) Trichlorofluoromethane	3.947	101	16841700	109.352	ppbv #	82
15) Acetone	3.841	43	1898620	21.983	ppbv #	55
18) 1,1-Dichloroethene	4.292	96	15379	0.310	ppbv #	61
20) Methylene Chloride	4.340	84	136276	3.185	ppbv	96
22) trans-1,2-Dichloroethene	4.880	96	17600	0.352	ppbv	98
24) 1,1-Dichloroethane	5.005	63	238071	2.314	ppbv	99
26) Hexane	5.684	57	963308	9.167	ppbv #	43
27) Carbon Disulfide	4.546	76	1534007	13.124	ppbv	98
28) Methyl tert-Butyl Ether	5.031	73	98260	0.918	ppbv	93
29) Chloroform	5.745	83	113427	0.661	ppbv	91
30) Cyclohexane	7.121	84	613292	7.136	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	1067966	10.490	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	452618	2.624	ppbv	99
34) 2-Butanone	5.240	43	358831	4.504	ppbv	96
35) Carbon Tetrachloride	7.015	117	12515	0.070	ppbv #	85
36) Benzene	6.883	78	2583290	11.583	ppbv	97
38) Trichloroethene	7.825	130	322451	3.969	ppbv	91
52) Tetrachloroethene	11.211	164	587450	7.935	ppbv	98
53) Toluene	9.790	91	1440720	5.950	ppbv	100
57) Chlorobenzene	12.127	112	844901	4.585	ppbv	100
58) Ethyl Benzene	12.690	91	435574	1.334	ppbv	99
59) m/p-Xylene	12.950	91	634298	2.262	ppbv	95
60) o-Xylene	13.674	91	486467	1.835	ppbv	99
61) Styrene	13.516	104	24168m	0.198	ppbv	
62) Isopropylbenzene	14.648	105	175564	0.493	ppbv	96
67) sec-Butylbenzene	17.275	105	67522	0.155	ppbv	99
69) p-Isopropyltoluene	17.635	119	141841	0.414	ppbv #	90
70) n-Butylbenzene	18.532	91	63621m	0.179	ppbv	
72) 4-Ethyltoluene	15.818	105	77680m	0.266	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	172791	0.651	ppbv	98
74) 1,2,4-Trimethylbenzene	16.744	105	239104	0.854	ppbv #	70
75) 1,3-Dichlorobenzene	16.982	146	65243	0.416	ppbv #	49
76) 1,4-Dichlorobenzene	17.121	146	185759	1.201	ppbv #	76
77) 1,2-Dichlorobenzene	17.796	146	99790	0.661	ppbv	87
79) Naphthalene	22.172	128	68078m	0.449	ppbv	
81) 1,2,4-Trichlorobenzene	21.908	180	16148m	0.176	ppbv	

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

Manual Integrations

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