

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038701.D
 Acq On : 23 Mar 2022 2:23
 Operator : SY/AP
 Sample : N2046-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P89DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 28 05:08:37 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	836120	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2299244	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	2114183	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1528199	9.43	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	18618	0.17	ppbv	96
3) Chlorodifluoromethane	2.98	51	35654	0.40	ppbv #	89
4) Chloromethane	3.13	50	8845	0.18	ppbv	94
9) Propene	3.01	41	93451	2.19	ppbv	91
11) Trichlorofluoromethane	3.94	101	18830	0.19	ppbv	86
13) Ethanol	3.59	45	267095	56.79	ppbv	98
15) Acetone	3.83	43	1475205	20.45	ppbv	93
17) tert-Butyl alcohol	4.28	59	59083	0.94	ppbv	98
19) Isopropyl Alcohol	3.95	45	142486	3.56	ppbv #	1
20) Methylene Chloride	4.33	84	49078	1.62	ppbv	96
26) Hexane	5.67	57	73613	0.91	ppbv #	59
27) Carbon Disulfide	4.53	76	13627	0.17	ppbv #	61
29) Chloroform	5.74	83	108604	0.83	ppbv	97
30) Cyclohexane	7.11	84	16653m	0.24	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	18116	0.14	ppbv	97
34) 2-Butanone	5.22	43	1678523	18.44	ppbv	98
35) Carbon Tetrachloride	7.00	117	4873m	0.04	ppbv	
36) Benzene	6.87	78	33516	0.19	ppbv	98
38) Trichloroethene	7.81	130	10055	0.14	ppbv	89
41) Tetrahydrofuran	6.04	42	41840	0.62	ppbv	97
51) 2-Hexanone	10.12	43	140380	1.16	ppbv #	98
52) Tetrachloroethene	11.20	164	4314011	66.43	ppbv	94
53) Toluene	9.78	91	694372	3.64	ppbv	99
58) Ethyl Benzene	12.69	91	43350m	0.18	ppbv	
59) m/p-Xylene	12.94	91	78449m	0.36	ppbv	
60) o-Xylene	13.67	91	33881	0.17	ppbv	95
61) Styrene	13.50	104	12748m	0.11	ppbv	
69) p-Isopropyltoluene	17.63	119	39579m	0.12	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	31203	0.13	ppbv #	75
75) 1,3-Dichlorobenzene	16.97	146	42505m	0.28	ppbv	

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

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