

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038800.D
 Acq On : 30 Mar 2022 18:43
 Operator : SY/AP
 Sample : N2169-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV4

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Mar 31 04:46:18 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	5.66	49	749325	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2258237	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2043780	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1469873	9.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	144137	1.431	ppbv	99
3) Chlorodifluoromethane	2.99	51	24194	0.306	ppbv #	88
4) Chloromethane	3.14	50	11931	0.275	ppbv #	81
7) Chloroethane	3.56	64	4676m	0.320	ppbv	
9) Propene	3.02	41	115410m	3.021	ppbv	
10) Heptane	8.11	43	84352	0.924	ppbv	99
11) Trichlorofluoromethane	3.94	101	44239m	0.498	ppbv	
13) Ethanol	3.60	45	47592	11.292	ppbv	97
15) Acetone	3.84	43	1122097	17.355	ppbv	96
17) tert-Butyl alcohol	4.30	59	11569m	0.205	ppbv	
19) Isopropyl Alcohol	3.97	45	25823m	0.720	ppbv	
20) Methylene Chloride	4.34	84	72534	2.663	ppbv	93
26) Hexane	5.68	57	1173800	16.109	ppbv #	27
27) Carbon Disulfide	4.55	76	135857	1.901	ppbv	96
28) Methyl tert-Butyl Ether	5.03	73	32211	0.593	ppbv	98
29) Chloroform	5.74	83	11539m	0.099	ppbv	
30) Cyclohexane	7.12	84	14051m	0.222	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	32617	0.290	ppbv	99
34) 2-Butanone	5.24	43	340239	3.807	ppbv	97
35) Carbon Tetrachloride	7.01	117	5471m	0.042	ppbv	
36) Benzene	6.89	78	42042	0.241	ppbv	98
51) 2-Hexanone	10.13	43	362620	3.038	ppbv	97
52) Tetrachloroethene	11.21	164	717639	11.252	ppbv	97
53) Toluene	9.79	91	185289	0.989	ppbv	97
58) Ethyl Benzene	12.70	91	38158	0.160	ppbv	94
59) m/p-Xylene	12.96	91	109531	0.524	ppbv	93
60) o-Xylene	13.68	91	52939	0.267	ppbv	97
61) Styrene	13.51	104	13146m	0.122	ppbv	
62) Isopropylbenzene	14.66	105	96423	0.323	ppbv	99
72) 4-Ethyltoluene	15.83	105	25907m	0.111	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	21957m	0.103	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	77395m	0.333	ppbv	

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

