

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039528.D
 Acq On : 25 Jul 2022 22:48
 Operator : SY/AP
 Sample : N3842-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:08:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1145055	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3123612	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2820908	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2151799	10.282	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	52427	0.317	ppbv	97
3) Chlorodifluoromethane	2.970	51	409568	2.819	ppbv #	65
4) Chloromethane	3.147	50	58983	0.742	ppbv	99
9) Propene	3.028	41	222683m	3.394	ppbv	
10) Heptane	8.131	43	36198m	0.236	ppbv	
11) Trichlorofluoromethane	3.960	101	43620m	0.237	ppbv	
13) Ethanol	3.610	45	9279606	2437.977	ppbv	74
15) Acetone	3.848	43	3978263	29.367	ppbv	97
17) tert-Butyl alcohol	4.308	59	47105m	0.410	ppbv	
20) Methylene Chloride	4.350	84	1148733	21.274	ppbv	97
23) Vinyl Acetate	5.073	43	373763m	4.129	ppbv	
25) Ethyl Acetate	5.687	43	1116568	4.020	ppbv #	91
26) Hexane	5.690	57	912103	8.146	ppbv #	57
27) Carbon Disulfide	4.555	76	56045	0.415	ppbv #	82
29) Chloroform	5.758	83	736803	3.784	ppbv	97
30) Cyclohexane	7.140	84	25459m	0.250	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	13849m	0.117	ppbv	
34) 2-Butanone	5.247	43	266055	1.692	ppbv #	72
35) Carbon Tetrachloride	7.025	117	14411m	0.075	ppbv	
36) Benzene	6.896	78	59144m	0.245	ppbv	
37) 1,2-Dichloroethane	6.308	62	16749m	0.117	ppbv	
38) Trichloroethene	7.832	130	5997m	0.046	ppbv	
41) Tetrahydrofuran	6.060	42	32447m	0.356	ppbv	
42) Bromodichloromethane	7.800	83	30457	0.158	ppbv	99
44) 2,2,4-Trimethylpentane	7.873	57	72413m	0.177	ppbv	
50) 4-Methyl-2-Pentanone	8.748	43	44867m	0.189	ppbv	
51) 2-Hexanone	10.147	43	36695m	0.204	ppbv	
52) Tetrachloroethene	11.224	164	22801m	0.234	ppbv	
53) Toluene	9.812	91	324992	1.165	ppbv	98
58) Ethyl Benzene	12.716	91	127595	0.350	ppbv	99
59) m/p-Xylene	12.973	91	459381m	1.431	ppbv	
60) o-Xylene	13.696	91	149545	0.492	ppbv	96
61) Styrene	13.532	104	30161m	0.183	ppbv	
69) p-Isopropyltoluene	17.651	119	116383	0.238	ppbv	96
72) 4-Ethyltoluene	15.844	105	57497m	0.161	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	82622	0.252	ppbv	91
74) 1,2,4-Trimethylbenzene	16.764	105	206025	0.567	ppbv #	66
76) 1,4-Dichlorobenzene	17.137	146	1786331	8.318	ppbv	100
79) Naphthalene	22.191	128	88350m	0.353	ppbv	
80) Naphthalene,2-methyl-	24.969	142	10068	0.118	ppbv #	77

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