

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039529.D
 Acq On : 25 Jul 2022 23:29
 Operator : SY/AP
 Sample : N3842-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 08:08:53 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	1144870	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.179	114	3090474	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2765057	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.416	95	2105113	10.263	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	47319m	0.287	ppbv	
3) Chlorodifluoromethane	2.970	51	412620	2.841	ppbv #	65
4) Chloromethane	3.147	50	63275	0.797	ppbv	99
9) Propene	3.025	41	228495m	3.483	ppbv	
10) Heptane	8.127	43	38181m	0.249	ppbv	
11) Trichlorofluoromethane	3.960	101	43079m	0.234	ppbv	
13) Ethanol	3.610	45	9452580	2483.823	ppbv	73
15) Acetone	3.848	43	4000907	29.539	ppbv	96
17) tert-Butyl alcohol	4.304	59	43629m	0.380	ppbv	
20) Methylene Chloride	4.346	84	1492033	27.637	ppbv	97
23) Vinyl Acetate	5.073	43	387104m	4.277	ppbv	
25) Ethyl Acetate	5.687	43	1275143	4.591	ppbv #	89
26) Hexane	5.690	57	1130998	10.103	ppbv #	53
27) Carbon Disulfide	4.555	76	59545	0.441	ppbv #	81
29) Chloroform	5.758	83	734100	3.771	ppbv	92
30) Cyclohexane	7.131	84	24700m	0.242	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	13399m	0.113	ppbv	
34) 2-Butanone	5.246	43	273458	1.758	ppbv #	72
35) Carbon Tetrachloride	7.015	117	12545m	0.066	ppbv	
36) Benzene	6.893	78	61292	0.256	ppbv	98
37) 1,2-Dichloroethane	6.304	62	16815m	0.119	ppbv	
38) Trichloroethene	7.832	130	5197m	0.040	ppbv	
41) Tetrahydrofuran	6.063	42	31291m	0.347	ppbv	
42) Bromodichloromethane	7.793	83	33919m	0.178	ppbv	
44) 2,2,4-Trimethylpentane	7.873	57	66152	0.163	ppbv #	71
50) 4-Methyl-2-Pentanone	8.751	43	40504m	0.172	ppbv	
51) 2-Hexanone	10.147	43	36486m	0.205	ppbv	
52) Tetrachloroethene	11.227	164	23101m	0.240	ppbv	
53) Toluene	9.812	91	332874	1.207	ppbv	99
58) Ethyl Benzene	12.716	91	129136	0.362	ppbv	97
59) m/p-Xylene	12.970	91	450947	1.433	ppbv	95
60) o-Xylene	13.693	91	155852	0.523	ppbv	100
61) Styrene	13.529	104	33221m	0.206	ppbv	
69) p-Isopropyltoluene	17.651	119	121772m	0.254	ppbv	
72) 4-Ethyltoluene	15.841	105	54030m	0.154	ppbv	
73) 1,3,5-Trimethylbenzene	15.995	105	83140m	0.258	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	203988	0.573	ppbv #	72
76) 1,4-Dichlorobenzene	17.137	146	1814324	8.619	ppbv	98
79) Naphthalene	22.194	128	88386m	0.361	ppbv	
80) Naphthalene,2-methyl-	24.969	142	10113	0.121	ppbv #	75

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