

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039295.D
 Acq On : 15 Jun 2022 11:50
 Operator : SY/AP
 Sample : N3326-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 16 01:17:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

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

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1162359	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	3238952	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	2915459	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2319225	9.622	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	43396	0.213	ppbv	95
3) Chlorodifluoromethane	2.989	51	65928	0.446	ppbv #	85
4) Chloromethane	3.140	50	37761	0.497	ppbv #	88
9) Propene	3.021	41	170180m	2.639	ppbv	
10) Heptane	8.105	43	78444	0.521	ppbv	99
11) Trichlorofluoromethane	3.941	101	44363m	0.240	ppbv	
13) Ethanol	3.587	45	1373752	390.613	ppbv #	100
15) Acetone	3.838	43	3772630	31.158	ppbv	93
17) tert-Butyl alcohol	4.288	59	43668	0.465	ppbv #	70
19) Isopropyl Alcohol	3.954	45	2178922	38.368	ppbv	99
20) Methylene Chloride	4.343	84	61239m	1.200	ppbv	
26) Hexane	5.674	57	240866	2.008	ppbv #	39
30) Cyclohexane	7.124	84	36822	0.365	ppbv	88
34) 2-Butanone	5.237	43	188671	1.072	ppbv	97
35) Carbon Tetrachloride	7.002	117	13539m	0.057	ppbv	
36) Benzene	6.873	78	118323	0.450	ppbv #	90
37) 1,2-Dichloroethane	6.298	62	32650m	0.189	ppbv	
41) Tetrahydrofuran	6.047	42	34237	0.324	ppbv	93
44) 2,2,4-Trimethylpentane	7.857	57	520521	1.132	ppbv	92
52) Tetrachloroethene	11.208	164	15189m	0.148	ppbv	
53) Toluene	9.790	91	719731	2.377	ppbv	99
58) Ethyl Benzene	12.693	91	174181	0.434	ppbv	100
59) m/p-Xylene	12.950	91	547369m	1.548	ppbv	
60) o-Xylene	13.671	91	218665m	0.658	ppbv	
61) Styrene	13.513	104	115070	0.647	ppbv	98
72) 4-Ethyltoluene	15.818	105	82181	0.211	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.979	105	76916	0.219	ppbv	96
74) 1,2,4-Trimethylbenzene	16.744	105	290945	0.742	ppbv #	64
79) Naphthalene	22.178	128	32981m	0.109	ppbv	

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

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