

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039291.D
 Acq On : 15 Jun 2022 9:07
 Operator : SY/AP
 Sample : N3306-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 01:15:47 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	1352107	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.166	114	3650863	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	3312180	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2663916	9.728	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	56644	0.239	ppbv	98
3) Chlorodifluoromethane	2.957	51	127448	0.741	ppbv #	70
4) Chloromethane	3.140	50	18844m	0.213	ppbv	
9) Propene	3.012	41	133384	1.778	ppbv	88
11) Trichlorofluoromethane	3.944	101	42209	0.196	ppbv #	75
13) Ethanol	3.610	45	236420	57.790	ppbv #	100
15) Acetone	3.838	43	2761697	19.608	ppbv	94
19) Isopropyl Alcohol	3.973	45	283527	4.292	ppbv #	1
20) Methylene Chloride	4.340	84	628215	10.584	ppbv	94
26) Hexane	5.681	57	509661	3.653	ppbv #	38
27) Carbon Disulfide	4.542	76	42277m	0.292	ppbv	
32) 1,1,1-Trichloroethane	6.500	97	10631m	0.046	ppbv	
34) 2-Butanone	5.240	43	320960	1.618	ppbv	98
35) Carbon Tetrachloride	7.005	117	14658m	0.055	ppbv	
36) Benzene	6.883	78	81181	0.274	ppbv	93
41) Tetrahydrofuran	6.050	42	13166	0.110	ppbv #	63
50) 4-Methyl-2-Pentanone	8.748	43	28607m	0.096	ppbv	
52) Tetrachloroethene	11.211	164	125697	1.086	ppbv	91
53) Toluene	9.793	91	399469	1.170	ppbv	99
58) Ethyl Benzene	12.700	91	275812	0.605	ppbv	91
59) m/p-Xylene	12.957	91	906227	2.256	ppbv	93
60) o-Xylene	13.677	91	480955	1.274	ppbv	99
61) Styrene	13.516	104	67861	0.336	ppbv	94
65) tert-Butylbenzene	16.748	119	126730	0.247	ppbv #	61
70) n-Butylbenzene	18.545	91	137981m	0.228	ppbv	
72) 4-Ethyltoluene	15.818	105	285811m	0.646	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	336466	0.843	ppbv	98
74) 1,2,4-Trimethylbenzene	16.741	105	1195582	2.685	ppbv #	64
79) Naphthalene	22.172	128	173007m	0.505	ppbv	
80) Naphthalene,2-methyl-	24.956	142	29970m	0.235	ppbv	

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

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