

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039199.D
 Acq On : 7 Jun 2022 00:41
 Operator : SY/AP
 Sample : N3110-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-9

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:21:41 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 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	5.661	49	1172801	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3304370	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2973998	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2263515	9.206	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	23236m	0.113	ppbv	
4) Chloromethane	3.140	50	32226m	0.420	ppbv	
9) Propene	3.021	41	26223m	0.403	ppbv	
10) Heptane	8.111	43	43424m	0.286	ppbv	
11) Trichlorofluoromethane	3.951	101	226469	1.215	ppbv	94
13) Ethanol	3.600	45	189914	53.519	ppbv #	100
15) Acetone	3.848	43	622929	5.099	ppbv	90
17) tert-Butyl alcohol	4.291	59	38760m	0.409	ppbv	
19) Isopropyl Alcohol	3.960	45	71657m	1.251	ppbv	
20) Methylene Chloride	4.340	84	26770m	0.520	ppbv	
26) Hexane	5.680	57	60749	0.502	ppbv #	54
27) Carbon Disulfide	4.549	76	47429	0.378	ppbv #	85
29) Chloroform	5.745	83	123433	0.606	ppbv	95
30) Cyclohexane	7.118	84	14771m	0.145	ppbv	
32) 1,1,1-Trichloroethane	6.507	97	22996m	0.115	ppbv	
34) 2-Butanone	5.246	43	149489	0.833	ppbv #	87
36) Benzene	6.883	78	37747	0.141	ppbv #	88
38) Trichloroethene	7.825	130	37662	0.306	ppbv #	76
51) 2-Hexanone	10.130	43	117309m	0.561	ppbv	
52) Tetrachloroethene	11.211	164	227732m	2.174	ppbv	
53) Toluene	9.796	91	352379	1.141	ppbv	97
58) Ethyl Benzene	12.699	91	259061	0.632	ppbv	96
59) m/p-Xylene	12.954	91	1003762	2.782	ppbv	91
60) o-Xylene	13.680	91	468445	1.382	ppbv	100
61) Styrene	13.513	104	36376	0.200	ppbv	96
64) n-propylbenzene	15.551	120	46549m	0.376	ppbv	
69) p-Isopropyltoluene	17.635	119	69417m	0.131	ppbv	
70) n-Butylbenzene	18.542	91	154896m	0.285	ppbv	
72) 4-Ethyltoluene	15.825	105	306490	0.771	ppbv	98
73) 1,3,5-Trimethylbenzene	15.982	105	270882	0.756	ppbv	96
74) 1,2,4-Trimethylbenzene	16.748	105	1181378	2.954	ppbv #	65
79) Naphthalene	22.175	128	163748m	0.532	ppbv	

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

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