

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039181.D
 Acq On : 6 Jun 2022 11:37
 Operator : SY/AP
 Sample : N3110-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 12:07:32 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 06 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	1274881	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3607672	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3208119	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2583526	9.741	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.047	85	27197	0.121	ppbv	89
5) Vinyl Chloride	3.263	62	77674	0.997	ppbv	96
9) Propene	3.205	41	152705	2.159	ppbv	96
10) Heptane	8.111	43	231739	1.404	ppbv	98
11) Trichlorofluoromethane	3.947	101	1579408	7.792	ppbv	100
13) Ethanol	3.603	45	75966	19.694	ppbv #	100
15) Acetone	3.861	43	179014m	1.348	ppbv	
17) tert-Butyl alcohol	4.301	59	12091	0.117	ppbv #	70
20) Methylene Chloride	4.343	84	93687m	1.674	ppbv	
22) trans-1,2-Dichloroethene	4.877	96	8607m	0.149	ppbv	
26) Hexane	5.677	57	409115m	3.110	ppbv	
27) Carbon Disulfide	4.552	76	201606	1.479	ppbv #	93
29) Chloroform	5.742	83	42470m	0.192	ppbv	
30) Cyclohexane	7.118	84	74705m	0.676	ppbv	
31) cis-1,2-Dichloroethene	5.545	61	118443	0.883	ppbv	100
34) 2-Butanone	5.246	43	31136	0.159	ppbv #	76
36) Benzene	6.886	78	75345	0.257	ppbv	96
38) Trichloroethene	7.825	130	140240	1.042	ppbv	97
44) 2,2,4-Trimethylpentane	7.861	57	142947	0.279	ppbv #	72
52) Tetrachloroethene	11.211	164	3449732	30.166	ppbv	98
53) Toluene	9.793	91	1588466	4.710	ppbv	99
58) Ethyl Benzene	12.700	91	480165	1.087	ppbv	99
59) m/p-Xylene	12.950	91	1650708	4.242	ppbv	93
60) o-Xylene	13.677	91	586177	1.603	ppbv	98
62) Isopropylbenzene	14.651	105	52745m	0.097	ppbv	
64) n-propylbenzene	15.542	120	54223m	0.406	ppbv	
65) tert-Butylbenzene	16.748	119	126742	0.255	ppbv #	70
70) n-Butylbenzene	18.532	91	122102m	0.208	ppbv	
72) 4-Ethyltoluene	15.822	105	369078	0.861	ppbv	99
73) 1,3,5-Trimethylbenzene	15.979	105	285658	0.739	ppbv	95
74) 1,2,4-Trimethylbenzene	16.744	105	1147194	2.659	ppbv #	64
79) Naphthalene	22.178	128	114287	0.344	ppbv	97

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

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