

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038951.D
 Acq On : 19 Apr 2022 15:53
 Operator : SY/AP
 Sample : N2465-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 04:26:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 20 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1106253	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.185	114	2794601	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.095	117	2436978	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2043341	11.054	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.060	85	58429	0.372	ppbv	97
4) Chloromethane	3.150	50	11877m	0.170	ppbv	
9) Propene	3.025	41	190095	2.661	ppbv	96
10) Heptane	8.131	43	85498	0.475	ppbv	94
11) Trichlorofluoromethane	3.967	101	30145	0.239	ppbv #	70
13) Ethanol	3.613	45	844619	194.571	ppbv #	100
15) Acetone	3.854	43	10418184	94.593	ppbv	95
17) tert-Butyl alcohol	4.304	59	87704m	0.888	ppbv	
19) Isopropyl Alcohol	3.976	45	8835454	156.960	ppbv #	100
20) Methylene Chloride	4.356	84	570131	14.273	ppbv	93
23) Vinyl Acetate	5.079	43	2655322	24.756	ppbv	99
26) Hexane	5.697	57	862299	6.779	ppbv #	28
27) Carbon Disulfide	4.558	76	90004m	0.772	ppbv	
28) Methyl tert-Butyl Ether	5.041	73	17535	0.178	ppbv	96
29) Chloroform	5.764	83	2314811	13.006	ppbv	97
30) Cyclohexane	7.137	84	17731m	0.158	ppbv	
34) 2-Butanone	5.253	43	1470859	13.320	ppbv	96
35) Carbon Tetrachloride	7.034	117	11196m	0.067	ppbv	
36) Benzene	6.899	78	61434	0.242	ppbv #	94
38) Trichloroethene	7.841	130	37282	0.357	ppbv	95
50) 4-Methyl-2-Pentanone	8.761	43	57955m	0.233	ppbv	
51) 2-Hexanone	10.140	43	724576	3.872	ppbv #	95
52) Tetrachloroethene	11.233	164	2239954	25.224	ppbv	97
53) Toluene	9.815	91	167676	0.571	ppbv	99
58) Ethyl Benzene	12.719	91	76361m	0.210	ppbv	
59) m/p-Xylene	12.973	91	253879m	0.830	ppbv	
60) o-Xylene	13.703	91	128201	0.448	ppbv	93
61) Styrene	13.529	104	28838m	0.165	ppbv	
62) Isopropylbenzene	14.674	105	269091	0.626	ppbv	96
72) 4-Ethyltoluene	15.841	105	63757m	0.187	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	56597	0.184	ppbv	88
74) 1,2,4-Trimethylbenzene	16.770	105	198170m	0.610	ppbv	

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

Manual Integrations

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