

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038788.D
 Acq On : 29 Mar 2022 2:18
 Operator : SY/AP
 Sample : N2136-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:14:56 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	787039	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2185802	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2069646	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1556901	9.812	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	29814	0.282	ppbv	94
3) Chlorodifluoromethane	2.989	51	50271m	0.605	ppbv	
4) Chloromethane	3.147	50	20108m	0.441	ppbv	
7) Chloroethane	3.555	64	13548	0.883	ppbv	96
9) Propene	3.025	41	722453	18.002	ppbv #	62
10) Heptane	8.115	43	610527	6.364	ppbv	99
11) Trichlorofluoromethane	3.948	101	28796	0.308	ppbv	90
13) Ethanol	3.594	45	71341m	16.116	ppbv	
15) Acetone	3.841	43	1453248	21.399	ppbv #	70
17) tert-Butyl alcohol	4.288	59	166278	2.803	ppbv	98
19) Isopropyl Alcohol	3.967	45	42199	1.121	ppbv #	91
20) Methylene Chloride	4.340	84	136814	4.783	ppbv	99
23) Vinyl Acetate	5.063	43	1929237	29.337	ppbv #	95
26) Hexane	5.684	57	3910470	51.094	ppbv #	27
27) Carbon Disulfide	4.546	76	29077	0.387	ppbv #	85
28) Methyl tert-Butyl Ether	5.028	73	209195	3.669	ppbv	100
29) Chloroform	5.745	83	258675	2.111	ppbv	98
30) Cyclohexane	7.124	84	152359	2.289	ppbv	88
34) 2-Butanone	5.237	43	333570	3.856	ppbv	97
35) Carbon Tetrachloride	7.012	117	4984m	0.039	ppbv	
36) Benzene	6.883	78	134532	0.797	ppbv	99
51) 2-Hexanone	10.118	43	198867	1.721	ppbv #	99
52) Tetrachloroethene	11.208	164	185146	2.999	ppbv	97
53) Toluene	9.793	91	91591	0.505	ppbv	98
58) Ethyl Benzene	12.700	91	33014m	0.136	ppbv	
59) m/p-Xylene	12.957	91	71371m	0.337	ppbv	
60) o-Xylene	13.674	91	42238	0.210	ppbv	97
61) Styrene	13.510	104	12002	0.110	ppbv #	86
62) Isopropylbenzene	14.648	105	81414m	0.269	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.674	83	59462m	0.382	ppbv	
64) n-propylbenzene	15.548	120	11418m	0.144	ppbv	
72) 4-Ethyltoluene	15.828	105	42222m	0.178	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	36112m	0.167	ppbv	
74) 1,2,4-Trimethylbenzene	16.754	105	68020	0.289	ppbv #	77

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

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