

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038700.D
 Acq On : 23 Mar 2022 1:42
 Operator : SY/AP
 Sample : N2046-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P89

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:18:48 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 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	5.648	49	796157	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2193823	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2058724	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1501855	9.515	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.041	85	20118	0.188	ppbv	93
3) Chlorodifluoromethane	2.980	51	35758	0.425	ppbv #	88
4) Chloromethane	3.134	50	11243	0.244	ppbv	98
9) Propene	3.005	41	93662	2.307	ppbv	89
11) Trichlorofluoromethane	3.941	101	17588	0.186	ppbv	89
13) Ethanol	3.584	45	244293	54.552	ppbv	100
15) Acetone	3.832	43	1452257	21.140	ppbv	94
17) tert-Butyl alcohol	4.282	59	55309	0.922	ppbv #	73
19) Isopropyl Alcohol	3.951	45	128934	3.385	ppbv #	1
20) Methylene Chloride	4.333	84	45246	1.564	ppbv	93
26) Hexane	5.671	57	68151	0.880	ppbv #	58
27) Carbon Disulfide	4.539	76	14110	0.186	ppbv #	65
29) Chloroform	5.732	83	104699	0.845	ppbv	98
30) Cyclohexane	7.111	84	13969m	0.208	ppbv	
32) 1,1,1-Trichloroethane	6.491	97	18259m	0.153	ppbv	
34) 2-Butanone	5.221	43	1750649	20.161	ppbv	98
35) Carbon Tetrachloride	6.989	117	5357m	0.042	ppbv	
36) Benzene	6.873	78	32833	0.194	ppbv #	90
38) Trichloroethene	7.816	130	9287	0.131	ppbv	92
41) Tetrahydrofuran	6.041	42	36255	0.561	ppbv	92
51) 2-Hexanone	10.114	43	135911	1.172	ppbv #	99
52) Tetrachloroethene	11.204	164	4263985	68.818	ppbv	94
53) Toluene	9.783	91	663122	3.645	ppbv	100
58) Ethyl Benzene	12.690	91	41617m	0.173	ppbv	
59) m/p-Xylene	12.944	91	75977m	0.361	ppbv	
60) o-Xylene	13.664	91	32792	0.164	ppbv	98
61) Styrene	13.503	104	11832m	0.109	ppbv	
69) p-Isopropyltoluene	17.625	119	39028m	0.124	ppbv	
74) 1,2,4-Trimethylbenzene	16.735	105	30266m	0.129	ppbv	
75) 1,3-Dichlorobenzene	16.973	146	42165m	0.283	ppbv	

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

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