

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038995.D
 Acq On : 9 May 2022 20:24
 Operator : SY/AP
 Sample : N2724-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:46:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 10 05:46:43 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	1148224	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2630459	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	2386648	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	2021862	10.697	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	62301	0.346	ppbv	100
3) Chlorodifluoromethane	2.980	51	3515573	24.674	ppbv	99
4) Chloromethane	3.134	50	9439m	0.132	ppbv	
7) Chloroethane	3.542	64	3218m	0.148	ppbv	
9) Propene	3.002	41	210138	3.377	ppbv	92
10) Heptane	8.095	43	171316	1.122	ppbv	92
11) Trichlorofluoromethane	3.944	101	49289m	0.319	ppbv	
13) Ethanol	3.594	45	52651m	11.957	ppbv	
15) Acetone	3.835	43	412337	3.807	ppbv #	61
17) tert-Butyl alcohol	4.288	59	19530	0.235	ppbv #	74
19) Isopropyl Alcohol	3.951	45	15875	0.308	ppbv #	95
20) Methylene Chloride	4.330	84	266221	6.521	ppbv	92
23) Vinyl Acetate	5.054	43	11644830	135.879	ppbv #	94
26) Hexane	5.668	57	1470836	12.769	ppbv #	23
29) Chloroform	5.732	83	2184676	11.723	ppbv	99
34) 2-Butanone	5.227	43	631540m	4.706	ppbv	
35) Carbon Tetrachloride	6.999	117	8244m	0.048	ppbv	
36) Benzene	6.864	78	52044	0.231	ppbv #	86
38) Trichloroethene	7.809	130	17201m	0.172	ppbv	
51) 2-Hexanone	10.105	43	448140	2.609	ppbv #	98
52) Tetrachloroethene	11.198	164	2911455	36.192	ppbv	96
53) Toluene	9.780	91	81478	0.323	ppbv	97
58) Ethyl Benzene	12.674	91	48656m	0.142	ppbv	
59) m/p-Xylene	12.928	91	130962m	0.447	ppbv	
60) o-Xylene	13.654	91	60415	0.219	ppbv	100
61) Styrene	13.494	104	42379	0.288	ppbv	92
62) Isopropylbenzene	14.632	105	119662	0.297	ppbv	99
69) p-Isopropyltoluene	17.616	119	55254m	0.135	ppbv	
72) 4-Ethyltoluene	15.802	105	33623	0.107	ppbv #	87
73) 1,3,5-Trimethylbenzene	15.960	105	34737m	0.123	ppbv	
74) 1,2,4-Trimethylbenzene	16.728	105	137132m	0.442	ppbv	

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

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