

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039075.D
 Acq On : 17 May 2022 18:59
 Operator : SY/AP
 Sample : N2854-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-2DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 18 01:51:48 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 18 01:51:48 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	5.680	49	875486	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.188	114	2038443	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.095	117	1719744	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	1415028	10.390	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	42064	0.307	ppbv	98
3) Chlorodifluoromethane	3.002	51	720800	6.635	ppbv #	86
4) Chloromethane	3.153	50	35313m	0.649	ppbv	
9) Propene	3.037	41	120884m	2.548	ppbv	
10) Heptane	8.137	43	117594	1.010	ppbv	97
11) Trichlorofluoromethane	3.960	101	30807	0.262	ppbv	84
13) Ethanol	3.610	45	1744310	519.543	ppbv	90
15) Acetone	3.857	43	2675723	32.400	ppbv	92
19) Isopropyl Alcohol	3.976	45	1291201	32.884	ppbv #	96
20) Methylene Chloride	4.356	84	133897	4.302	ppbv	97
26) Hexane	5.700	57	439579	5.005	ppbv #	44
29) Chloroform	5.764	83	57392	0.404	ppbv	98
30) Cyclohexane	7.143	84	33331	0.453	ppbv	92
34) 2-Butanone	5.256	43	414964	3.990	ppbv	100
35) Carbon Tetrachloride	7.024	117	10579m	0.079	ppbv	
36) Benzene	6.899	78	195645	1.122	ppbv	96
37) 1,2-Dichloroethane	6.320	62	27184m	0.252	ppbv	
38) Trichloroethene	7.847	130	2886m	0.037	ppbv	
41) Tetrahydrofuran	6.060	42	190636	2.727	ppbv	97
44) 2,2,4-Trimethylpentane	7.880	57	434053	1.418	ppbv #	89
50) 4-Methyl-2-Pentanone	8.764	43	103834	0.569	ppbv	96
52) Tetrachloroethene	11.224	164	12194m	0.196	ppbv	
53) Toluene	9.815	91	1667149	8.527	ppbv	100
58) Ethyl Benzene	12.719	91	372439	1.505	ppbv	92
59) m/p-Xylene	12.979	91	1105948m	5.234	ppbv	
60) o-Xylene	13.703	91	385282	1.937	ppbv	96
61) Styrene	13.545	104	13326m	0.126	ppbv	
72) 4-Ethyltoluene	15.847	105	106813	0.471	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.011	105	77276m	0.379	ppbv	
74) 1,2,4-Trimethylbenzene	16.770	105	307656m	1.377	ppbv	
79) Naphthalene	22.210	128	22278m	0.123	ppbv	

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

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