

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039111.D
 Acq On : 24 May 2022 9:11
 Operator : SY/AP
 Sample : N2991-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 25 04:15:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 26 13:07:26 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	5.645	49	1241737	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	3101892	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.050	117	2774048	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.378 95 2266445 10.317 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.200%

Target Compounds

					Qvalue	
9) Propene	3.002	41	166427m	2.473	ppbv	
10) Heptane	8.092	43	671874	4.070	ppbv	100
13) Ethanol	3.587	45	535419	112.438	ppbv	90
15) Acetone	3.829	43	17118022	146.142	ppbv #	82
17) tert-Butyl alcohol	4.276	59	84581	0.940	ppbv #	93
19) Isopropyl Alcohol	3.948	45	403909m	7.253	ppbv	
20) Methylene Chloride	4.330	84	46527m	1.054	ppbv	
26) Hexane	5.665	57	150681	1.210	ppbv #	37
27) Carbon Disulfide	4.533	76	29220	0.247	ppbv #	72
29) Chloroform	5.735	83	26294	0.130	ppbv	96
30) Cyclohexane	7.108	84	69396m	0.665	ppbv	
34) 2-Butanone	5.224	43	311600m	1.969	ppbv	
36) Benzene	6.864	78	187238	0.705	ppbv	96
38) Trichloroethene	7.806	130	5160m	0.044	ppbv	
44) 2,2,4-Trimethylpentane	7.841	57	429897	0.923	ppbv #	70
50) 4-Methyl-2-Pentanone	8.719	43	74798m	0.270	ppbv	
51) 2-Hexanone	10.108	43	43839m	0.216	ppbv	
52) Tetrachloroethene	11.192	164	142964	1.507	ppbv	93
53) Toluene	9.774	91	1733743	5.827	ppbv	99
58) Ethyl Benzene	12.674	91	402060	1.007	ppbv	98
59) m/p-Xylene	12.931	91	1363369m	4.000	ppbv	
60) o-Xylene	13.651	91	329193	1.026	ppbv	98
61) Styrene	13.491	104	18175m	0.106	ppbv	
62) Isopropylbenzene	14.629	105	802278	1.710	ppbv	97
64) n-propylbenzene	15.523	120	38694m	0.341	ppbv	
72) 4-Ethyltoluene	15.799	105	249671	0.683	ppbv	97
73) 1,3,5-Trimethylbenzene	15.957	105	194268m	0.590	ppbv	
74) 1,2,4-Trimethylbenzene	16.722	105	544130	1.510	ppbv #	65

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

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