

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039030.D
 Acq On : 11 May 2022 21:46
 Operator : SY/AP
 Sample : N2753-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/15/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 12 02:00:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 12 02:00:27 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	899676	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2374543	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.057	117	2145439	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1730954	10.188	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.038	85	86668	0.615	ppbv	92
3) Chlorodifluoromethane	2.977	51	35205m	0.315	ppbv	
4) Chloromethane	3.137	50	18844	0.337	ppbv #	73
7) Chloroethane	3.542	64	6943m	0.406	ppbv	
9) Propene	3.002	41	182378	3.741	ppbv	94
10) Heptane	8.095	43	495815	4.145	ppbv	97
11) Trichlorofluoromethane	3.938	101	28153	0.233	ppbv	93
13) Ethanol	3.584	45	491830	142.553	ppbv	90
15) Acetone	3.829	43	2420282	28.519	ppbv	91
17) tert-Butyl alcohol	4.279	59	113697	1.743	ppbv	100
19) Isopropyl Alcohol	3.951	45	60990	1.511	ppbv #	1
20) Methylene Chloride	4.327	84	207984	6.502	ppbv	95
26) Hexane	5.668	57	2890424	32.026	ppbv #	19
27) Carbon Disulfide	4.530	76	17733m	0.207	ppbv	
28) Methyl tert-Butyl Ether	5.018	73	96745	1.409	ppbv	91
29) Chloroform	5.735	83	72355	0.496	ppbv	97
34) 2-Butanone	5.221	43	3309496	27.319	ppbv	96
35) Carbon Tetrachloride	7.002	117	8119m	0.052	ppbv	
36) Benzene	6.870	78	52966	0.261	ppbv	95
38) Trichloroethene	7.806	130	6847m	0.076	ppbv	
50) 4-Methyl-2-Pentanone	8.719	43	194508	0.916	ppbv	95
51) 2-Hexanone	10.105	43	300777	1.940	ppbv #	95
52) Tetrachloroethene	11.195	164	271705	3.742	ppbv	99
53) Toluene	9.774	91	92864	0.408	ppbv	100
58) Ethyl Benzene	12.680	91	41023	0.133	ppbv	90
59) m/p-Xylene	12.941	91	141710	0.538	ppbv	97
60) o-Xylene	13.664	91	75655	0.305	ppbv	99
61) Styrene	13.500	104	13452m	0.102	ppbv	
62) Isopropylbenzene	14.632	105	108067	0.298	ppbv	98
69) p-Isopropyltoluene	17.626	119	40735m	0.111	ppbv	
72) 4-Ethyltoluene	15.806	105	36559m	0.129	ppbv	
73) 1,3,5-Trimethylbenzene	15.963	105	48787m	0.192	ppbv	
74) 1,2,4-Trimethylbenzene	16.732	105	166097	0.596	ppbv #	62

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

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