

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039098.D
 Acq On : 24 May 2022 00:25
 Operator : SY/AP
 Sample : N2956-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Manual Integrations APPROVED

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

Quant Time: May 24 06:04:29 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:03:23 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	5.655	49	1197314	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	3114630	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.057	117	2742671	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	2152728	9.911	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.041	85	46423	0.247	ppbv	100
3) Chlorodifluoromethane	2.980	51	25946m	0.175	ppbv	
4) Chloromethane	3.131	50	22833	0.307	ppbv	100
9) Propene	3.002	41	5002670	77.104	ppbv	93
10) Heptane	8.102	43	220232	1.384	ppbv	99
11) Trichlorofluoromethane	3.944	101	62003	0.385	ppbv	86
13) Ethanol	3.591	45	180285	39.264	ppbv	92
15) Acetone	3.838	43	12237524	108.352	ppbv #	87
17) tert-Butyl alcohol	4.282	59	171103m	1.971	ppbv	
19) Isopropyl Alcohol	3.954	45	324397m	6.041	ppbv	
20) Methylene Chloride	4.340	84	716836	16.840	ppbv	95
26) Hexane	5.674	57	932600	7.764	ppbv #	41
27) Carbon Disulfide	4.542	76	71194	0.624	ppbv #	86
29) Chloroform	5.742	83	20970m	0.108	ppbv	
30) Cyclohexane	7.108	84	44116m	0.439	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	1498918	7.714	ppbv	98
34) 2-Butanone	5.227	43	2395072	15.073	ppbv	97
36) Benzene	6.874	78	999486	3.750	ppbv	98
41) Tetrahydrofuran	6.028	42	651511	6.101	ppbv	98
44) 2,2,4-Trimethylpentane	7.848	57	168212	0.360	ppbv #	68
50) 4-Methyl-2-Pentanone	8.719	43	672268	2.413	ppbv	95
51) 2-Hexanone	10.108	43	153045	0.753	ppbv #	100
52) Tetrachloroethene	11.198	164	88883	0.933	ppbv	88
53) Toluene	9.783	91	1543385	5.166	ppbv	100
58) Ethyl Benzene	12.684	91	594618	1.506	ppbv	94
59) m/p-Xylene	12.941	91	2131272	6.325	ppbv	94
60) o-Xylene	13.664	91	887402	2.798	ppbv	100
61) Styrene	13.497	104	37441	0.221	ppbv	97
62) Isopropylbenzene	14.635	105	79594m	0.172	ppbv	
64) n-propylbenzene	15.532	120	71276	0.636	ppbv	90
67) sec-Butylbenzene	17.272	105	72842m	0.125	ppbv	
69) p-Isopropyltoluene	17.622	119	55422m	0.118	ppbv	
70) n-Butylbenzene	18.526	91	254777m	0.511	ppbv	
72) 4-Ethyltoluene	15.812	105	588062	1.627	ppbv	99
73) 1,3,5-Trimethylbenzene	15.966	105	683497	2.101	ppbv	99
74) 1,2,4-Trimethylbenzene	16.732	105	2358989	6.622	ppbv #	65
79) Naphthalene	22.162	128	321804m	1.112	ppbv	
80) Naphthalene,2-methyl-	24.940	142	48414	0.553	ppbv #	88

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

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