

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039064.D
 Acq On : 14 May 2022 9:15
 Operator : SY/AP
 Sample : N2853-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 16 01:37:52 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 6

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	921634	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2459104	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	2097091	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 1576471 9.492 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.900%

Target Compounds

					Qvalue	
3) Chlorodifluoromethane	2.983	51	60315	0.527	ppbv #	81
5) Vinyl Chloride	3.012	62	84	0.002	ppbv #	44
6) Bromomethane	3.504	94	30	0.001	ppbv #	1
7) Chloroethane	3.558	64	70	0.004	ppbv #	45
8) Dichlorotetrafluoroethane	3.186	85	114	0.001	ppbv #	1
9) Propene	3.012	41	20962m	0.420	ppbv	
10) Heptane	8.111	43	39018m	0.318	ppbv	
11) Trichlorofluoromethane	3.938	101	1260	0.010	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.478	101	113	0.001	ppbv #	1
13) Ethanol	3.594	45	212970m	60.257	ppbv	
14) Bromoethene	3.761	108	71	0.002	ppbv #	1
15) Acetone	3.864	43	515715m	5.932	ppbv	
17) tert-Butyl alcohol	4.308	59	14065m	0.210	ppbv	
18) 1,1-Dichloroethene	4.716	96	91	0.002	ppbv #	1
19) Isopropyl Alcohol	3.960	45	122842	2.972	ppbv #	98
20) Methylene Chloride	4.337	84	10153	0.310	ppbv #	78
21) Allyl Chloride	4.398	41	508	0.009	ppbv #	30
22) trans-1,2-Dichloroethene	4.777	96	36	0.001	ppbv #	1
24) 1,1-Dichloroethane	5.044	63	85	0.001	ppbv #	89
26) Hexane	5.671	57	63709	0.689	ppbv #	44
27) Carbon Disulfide	4.542	76	222	0.003	ppbv #	1
28) Methyl tert-Butyl Ether	5.021	73	40	0.001	ppbv #	52
29) Chloroform	5.735	83	2387	0.016	ppbv	95
30) Cyclohexane	7.118	84	1421	0.018	ppbv #	1
31) cis-1,2-Dichloroethene	5.652	61	108	0.001	ppbv #	27
32) 1,1,1-Trichloroethane	6.263	97	99	0.001	ppbv #	22
34) 2-Butanone	5.240	43	49696	0.396	ppbv #	91
35) Carbon Tetrachloride	6.996	117	438	0.003	ppbv	98
36) Benzene	6.873	78	60416	0.287	ppbv #	94
37) 1,2-Dichloroethane	6.285	62	748	0.006	ppbv #	83
38) Trichloroethene	7.803	130	233	0.002	ppbv #	1
40) 1,4-Dioxane	7.793	88	170	0.006	ppbv #	1
41) Tetrahydrofuran	6.063	42	34131m	0.405	ppbv	
42) Bromodichloromethane	7.777	83	1036	0.006	ppbv #	24
43) Methyl Methacrylate	7.989	69	171	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.854	57	135336	0.366	ppbv	93
45) t-1,3-Dichloropropene	9.324	75	100	0.001	ppbv #	44
46) cis-1,3-Dichloropropene	8.883	75	81	0.001	ppbv #	48
47) 1,1,2-Trichloroethane	9.510	97	78	0.001	ppbv #	64
48) Dibromochloromethane	10.044	129	72	0.001	ppbv	82
49) Bromoform	12.802	173	84	0.001	ppbv	95
50) 4-Methyl-2-Pentanone	8.719	43	577	0.003	ppbv #	39
51) 2-Hexanone	10.095	43	4580	0.029	ppbv #	28

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039064.D
 Acq On : 14 May 2022 9:15
 Operator : SY/AP
 Sample : N2853-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 16 01:37:52 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

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

Response via : Initial Calibration

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

53) Toluene	9.787	91	697665	2.958	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.696	131	229	0.002	ppbv #	1
57) Chlorobenzene	12.121	112	41	0.000	ppbv #	1
58) Ethyl Benzene	12.690	91	129798	0.430	ppbv	94
59) m/p-Xylene	12.947	91	434928m	1.688	ppbv	
60) o-Xylene	13.674	91	130958	0.540	ppbv	94
61) Styrene	13.510	104	1244	0.010	ppbv #	20
62) Isopropylbenzene	14.516	105	133	0.000	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.674	83	87	0.001	ppbv #	1
65) tert-Butylbenzene	16.712	119	293	0.001	ppbv #	15
66) Benzyl Chloride	16.960	91	68	0.002	ppbv #	70
67) sec-Butylbenzene	17.259	105	393	0.001	ppbv #	60
69) p-Isopropyltoluene	17.625	119	512	0.001	ppbv #	1
70) n-Butylbenzene	18.523	91	627	0.002	ppbv #	1
71) 2-Chlorotoluene	15.449	91	154	0.001	ppbv	80
72) 4-Ethyltoluene	15.815	105	42296m	0.153	ppbv	
73) 1,3,5-Trimethylbenzene	15.970	105	25344m	0.102	ppbv	
74) 1,2,4-Trimethylbenzene	16.744	105	95678m	0.351	ppbv	
75) 1,3-Dichlorobenzene	16.957	146	129	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	17.111	146	178	0.001	ppbv #	1
77) 1,2-Dichlorobenzene	17.455	146	118	0.001	ppbv #	43
79) Naphthalene	22.156	128	574	0.003	ppbv #	69
80) Naphthalene,2-methyl-	24.924	142	52	0.001	ppbv #	14
81) 1,2,4-Trichlorobenzene	21.883	180	80	0.001	ppbv #	78

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051322\
 Data File : VL039064.D
 Acq On : 14 May 2022 9:15
 Operator : SY/AP
 Sample : N2853-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1161-8.01-IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2022
 Supervised By :Mahesh Dadoda 05/17/2022

Quant Time: May 16 01:37:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

