

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039159.D
 Acq On : 3 Jun 2022 18:45
 Operator : SY/AP
 Sample : VL0603SBS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:18:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 06 00:18:10 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1284574	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.189	114	3290444	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.102	117	3058806m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.423 95 2581008 10.206 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1810663	8.025	ppbv	100
3) Chlorodifluoromethane	2.999	51	1579979	9.667	ppbv	98
4) Chloromethane	3.153	50	853884	10.171	ppbv	99
5) Vinyl Chloride	3.269	62	813749	10.368	ppbv	97
6) Bromomethane	3.485	94	404466	10.476	ppbv	96
7) Chloroethane	3.571	64	287609	10.517	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	1972753	9.567	ppbv	96
9) Propene	3.022	41	730069	10.244	ppbv	98
10) Heptane	8.137	43	1758455	10.577	ppbv	99
11) Trichlorofluoromethane	3.964	101	1976225	9.676	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.497	101	1339851	9.920	ppbv	100
13) Ethanol	3.616	45	40970m	10.541	ppbv	
14) Bromoethene	3.755	108	622598	10.254	ppbv	99
15) Acetone	3.858	43	1309431	9.786	ppbv	100
16) 1,3-Butadiene	3.340	39	745175	10.359	ppbv	99
17) tert-Butyl alcohol	4.292	59	1209403	11.652	ppbv	97
18) 1,1-Dichloroethene	4.301	96	622218	10.270	ppbv	92
19) Isopropyl Alcohol	3.973	45	702486	11.193	ppbv #	98
20) Methylene Chloride	4.359	84	489515	8.681	ppbv	98
21) Allyl Chloride	4.423	41	884260	9.796	ppbv	97
22) trans-1,2-Dichloroethene	4.896	96	605300	10.383	ppbv	99
23) Vinyl Acetate	5.083	43	1202402	10.860	ppbv	98
24) 1,1-Dichloroethane	5.021	63	1329840	8.767	ppbv	98
25) Ethyl Acetate	5.687	43	3089348	10.243	ppbv	100
26) Hexane	5.697	57	1348608	10.175	ppbv	99
27) Carbon Disulfide	4.562	76	1418995	10.330	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1365014	9.329	ppbv	100
29) Chloroform	5.764	83	2237712	10.034	ppbv	100
30) Cyclohexane	7.144	84	1149468	10.324	ppbv	98
31) cis-1,2-Dichloroethene	5.562	61	1413148	10.457	ppbv	97
32) 1,1,1-Trichloroethane	6.526	97	2252342	10.321	ppbv	99
34) 2-Butanone	5.253	43	1880007	10.517	ppbv	98
35) Carbon Tetrachloride	7.031	117	2336545	9.729	ppbv	99
36) Benzene	6.906	78	2750913	10.298	ppbv	99
37) 1,2-Dichloroethane	6.320	62	1758787	10.004	ppbv	100
38) Trichloroethene	7.851	130	1353067	11.027	ppbv	98
39) 1,2-Dichloropropane	7.626	63	1086930	10.229	ppbv	98
40) 1,4-Dioxane	7.841	88	292119	8.351	ppbv #	1
41) Tetrahydrofuran	6.060	42	1141113	10.614	ppbv	99
42) Bromodichloromethane	7.803	83	2506224	10.272	ppbv	98
43) Methyl Methacrylate	8.028	69	1152761	11.078	ppbv	98
44) 2,2,4-Trimethylpentane	7.883	57	4635208	9.919	ppbv	100
45) t-1,3-Dichloropropene	9.291	75	1300978	12.005	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039159.D
 Acq On : 3 Jun 2022 18:45
 Operator : SY/AP
 Sample : VL0603SBS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:18:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1607992	11.232	ppbv	97
47) 1,1,2-Trichloroethane	9.488	97	1154729	10.417	ppbv	98
48) Dibromochloromethane	10.317	129	2066783	10.442	ppbv	99
49) Bromoform	13.050	173	1669843	10.123	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2870032	10.726	ppbv	99
51) 2-Hexanone	10.143	43	2276589	10.934	ppbv #	99
52) Tetrachloroethene	11.237	164	1038536	9.957	ppbv	95
53) Toluene	9.819	91	3236547	10.522	ppbv	100
54) 1,2-Dibromoethane	10.623	107	1608648	10.799	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.137	131	1424607	9.843	ppbv	99
57) Chlorobenzene	12.163	112	2394881	10.406	ppbv	96
58) Ethyl Benzene	12.725	91	4389083	10.417	ppbv	99
59) m/p-Xylene	13.012	91	7508206m	20.236	ppbv	
60) o-Xylene	13.703	91	3591737	10.302	ppbv	100
61) Styrene	13.542	104	2111640	11.310	ppbv	97
62) Isopropylbenzene	14.677	105	5206081	10.047	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1861882	9.514	ppbv	100
64) n-propylbenzene	15.571	120	1329321	10.436	ppbv	97
65) tert-Butylbenzene	16.757	119	4655208	9.824	ppbv	99
66) Benzyl Chloride	16.999	91	703392	11.416	ppbv	98
67) sec-Butylbenzene	17.304	105	6503122	10.058	ppbv	99
69) p-Isopropyltoluene	17.664	119	5472533	10.033	ppbv	99
70) n-Butylbenzene	18.558	91	5788845	10.339	ppbv	99
71) 2-Chlorotoluene	15.465	91	3926491	9.936	ppbv	99
72) 4-Ethyltoluene	15.851	105	4319939	10.572	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	3868149	10.496	ppbv	100
74) 1,2,4-Trimethylbenzene	16.773	105	4087829	9.939	ppbv	95
75) 1,3-Dichlorobenzene	17.008	146	2425950	10.421	ppbv	99
76) 1,4-Dichlorobenzene	17.146	146	2355178	10.140	ppbv	98
77) 1,2-Dichlorobenzene	17.825	146	2341442	9.979	ppbv	99
78) Hexachloro-1,3-Butadiene	23.381	225	1993868	9.293	ppbv	100
79) Naphthalene	22.204	128	3891594	12.291	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	1696245	14.420	ppbv	96
81) 1,2,4-Trichlorobenzene	21.931	180	2168367	10.811	ppbv #	100

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

Manual Integrations APPROVED

Quant Time: Jun 04 00:18:10 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

