

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041422.D
 Acq On : 29 Jul 2024 10:02
 Operator : SY/MD
 Sample : VL0729ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0729ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:46:45 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1144329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3161990	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	3093128m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2393106 10.054 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1625817	8.258	ppbv	99
3) Chlorodifluoromethane	2.664	51	1308614	9.606	ppbv	100
4) Chloromethane	2.803	50	673457	9.295	ppbv	97
5) Vinyl Chloride	2.909	62	689895	9.660	ppbv	99
6) Bromomethane	3.108	94	347016	9.454	ppbv	96
7) Chloroethane	3.189	64	237818	9.649	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1664524	9.543	ppbv	99
9) Propene	2.684	41	586982	9.380	ppbv	98
10) Heptane	7.577	43	1454368	10.343	ppbv	99
11) Trichlorofluoromethane	3.552	101	1675009	9.581	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	1208207	9.597	ppbv	100
13) Ethanol	3.230	45	40878m	7.308	ppbv	
14) Bromoethene	3.356	108	491747	10.019	ppbv	99
15) Acetone	3.459	43	1222745	9.404	ppbv	99
16) 1,3-Butadiene	2.973	39	676656	9.741	ppbv	98
17) tert-Butyl alcohol	3.867	59	1148380	9.685	ppbv	98
18) 1,1-Dichloroethene	3.873	96	535222	9.939	ppbv	98
19) Isopropyl Alcohol	3.565	45	739544	9.729	ppbv	99
20) Methylene Chloride	3.925	84	441923	9.115	ppbv	98
21) Allyl Chloride	3.989	41	859820	10.084	ppbv	99
22) trans-1,2-Dichloroethene	4.436	96	540363	10.035	ppbv	97
23) Vinyl Acetate	4.619	43	1105156	11.129	ppbv	98
24) 1,1-Dichloroethane	4.555	63	1152610	9.858	ppbv	99
25) Ethyl Acetate	5.198	43	2575129	9.969	ppbv	100
26) Hexane	5.208	57	1071870	10.003	ppbv	100
27) Carbon Disulfide	4.115	76	1315514	10.495	ppbv	98
28) Methyl tert-Butyl Ether	4.578	73	665917	9.855	ppbv	100
29) Chloroform	5.269	83	1695773	9.703	ppbv	97
30) Cyclohexane	6.597	84	922176	10.568	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1063267	10.045	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1675630	9.849	ppbv	99
34) 2-Butanone	4.777	43	1537320	10.051	ppbv	100
35) Carbon Tetrachloride	6.487	117	1744463	10.002	ppbv	100
36) Benzene	6.365	78	2314346	10.017	ppbv	100
37) 1,2-Dichloroethane	5.803	62	1296948	10.029	ppbv	100
38) Trichloroethene	7.288	130	1061155	10.025	ppbv	98
39) 1,2-Dichloropropane	7.069	63	883374	9.987	ppbv	97
40) 1,4-Dioxane	7.278	88	380609	10.711	ppbv #	1
41) Tetrahydrofuran	5.549	42	902077	10.312	ppbv	100
42) Bromodichloromethane	7.246	83	1862731	9.976	ppbv	98
43) Methyl Methacrylate	7.471	69	914850	11.042	ppbv	98
44) 2,2,4-Trimethylpentane	7.323	57	3824642	9.911	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	942583	12.360	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041422.D
 Acq On : 29 Jul 2024 10:02
 Operator : SY/MD
 Sample : VL0729ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0729ABS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:46:45 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jul 30 02:42:20 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	1251122	11.361	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	963521	9.882	ppbv	96
48) Dibromochloromethane	9.709	129	1624734	10.344	ppbv	100
49) Bromoform	12.407	173	1430061	10.778	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2574111	10.667	ppbv	100
51) 2-Hexanone	9.548	43	2100112	11.509	ppbv	99
52) Tetrachloroethene	10.616	164	886169	9.926	ppbv	98
53) Toluene	9.220	91	2715155	10.550	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1400084	10.788	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.507	131	1170791	9.760	ppbv #	57
57) Chlorobenzene	11.529	112	2095093	9.513	ppbv	99
58) Ethyl Benzene	12.089	91	3649773	10.237	ppbv	100
59) m/p-Xylene	12.371	91	6241502m	20.280	ppbv	
60) o-Xylene	13.056	91	2985111	10.253	ppbv	100
61) Styrene	12.899	104	1498174	11.406	ppbv	98
62) Isopropylbenzene	14.031	105	4339075	9.804	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1825747	9.931	ppbv	100
64) n-propylbenzene	14.915	120	1174771	10.153	ppbv	99
65) tert-Butylbenzene	16.092	119	3921897	9.811	ppbv	99
66) Benzyl Chloride	16.326	91	296531	11.565	ppbv	98
67) sec-Butylbenzene	16.635	105	5496659	9.980	ppbv	100
69) p-Isopropyltoluene	16.995	119	4599379	10.063	ppbv	100
70) n-Butylbenzene	17.886	91	4760345	10.160	ppbv	100
71) 2-Chlorotoluene	14.802	91	3279280	10.047	ppbv	99
72) 4-Ethyltoluene	15.195	105	3606059	10.521	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	3093976	10.478	ppbv	100
74) 1,2,4-Trimethylbenzene	16.111	105	3429295	9.989	ppbv	97
75) 1,3-Dichlorobenzene	16.333	146	2133735	9.888	ppbv	100
76) 1,4-Dichlorobenzene	16.474	146	2074323	9.927	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	2064212	9.649	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1576104	8.639	ppbv	100
79) Naphthalene	21.381	128	3528688	11.646	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	3070060	12.087	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	1823295	10.112	ppbv	99

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

