

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041683.D
 Acq On : 7 Nov 2024 18:24
 Operator : SY/MD
 Sample : VL1107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1107ABS01

Quant Time: Nov 08 03:51:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 11/09/2024
 Supervised By : Semsettin Yesilyurt 11/09/2024

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

Internal Standards						
1) Bromochloromethane	5.185	49	1128795	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3126174	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3072161m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	2300291	10.162	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.726	85	2133142	10.456	ppbv	98
3) Chlorodifluoromethane	2.671	51	1358036	9.234	ppbv	100
4) Chloromethane	2.809	50	739426	9.492	ppbv	96
5) Vinyl Chloride	2.915	62	715579	10.211	ppbv	98
6) Bromomethane	3.115	94	360881	9.708	ppbv	99
7) Chloroethane	3.192	64	255796	10.001	ppbv	94
8) Dichlorotetrafluoroethane	2.854	85	1714914	9.416	ppbv	99
9) Propene	2.690	41	599297	9.352	ppbv	100
10) Heptane	7.571	43	1503499	10.470	ppbv	100
11) Trichlorofluoromethane	3.558	101	1686292	9.489	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.060	101	1233736	9.551	ppbv	99
13) Ethanol	3.250	45	29777m	7.588	ppbv	
14) Bromoethene	3.362	108	501745	9.663	ppbv	98
15) Acetone	3.462	43	1258503	9.059	ppbv	100
16) 1,3-Butadiene	2.980	39	714485	10.193	ppbv	99
17) tert-Butyl alcohol	3.874	59	1171221	9.608	ppbv	100
18) 1,1-Dichloroethene	3.874	96	550010	9.709	ppbv	97
19) Isopropyl Alcohol	3.571	45	604518	9.104	ppbv #	98
20) Methylene Chloride	3.928	84	457424	8.948	ppbv	98
21) Allyl Chloride	3.993	41	833757	9.712	ppbv	97
22) trans-1,2-Dichloroethene	4.439	96	528381	9.380	ppbv	97
23) Vinyl Acetate	4.620	43	593962	9.699	ppbv	97
24) 1,1-Dichloroethane	4.558	63	1150120	9.148	ppbv	99
25) Ethyl Acetate	5.198	43	2812437	9.780	ppbv	100
26) Hexane	5.208	57	1107924	10.028	ppbv	99
27) Carbon Disulfide	4.118	76	1322486	10.655	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	647697	9.104	ppbv	100
29) Chloroform	5.269	83	1738610	9.534	ppbv	99
30) Cyclohexane	6.594	84	935328	9.943	ppbv	99
31) cis-1,2-Dichloroethene	5.073	61	1066172	10.032	ppbv	98
32) 1,1,1-Trichloroethane	5.999	97	1706831	10.259	ppbv	100
34) 2-Butanone	4.780	43	1558779	10.014	ppbv	99
35) Carbon Tetrachloride	6.488	117	1799316	10.909	ppbv	99
36) Benzene	6.365	78	2351635	10.153	ppbv	99
37) 1,2-Dichloroethane	5.803	62	1305458	9.990	ppbv	99
38) Trichloroethene	7.285	130	958369	10.773	ppbv	98
39) 1,2-Dichloropropane	7.070	63	918548	10.035	ppbv	96
40) 1,4-Dioxane	7.282	88	306141	9.322	ppbv	71
41) Tetrahydrofuran	5.549	42	931440	10.478	ppbv	100
42) Bromodichloromethane	7.243	83	1863473	10.262	ppbv	98
43) Methyl Methacrylate	7.468	69	933637	11.480	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	3949724	10.067	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	880458	11.848	ppbv	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1229071	11.515	ppbv	98
47) 1,1,2-Trichloroethane	8.896	97	987685	9.970	ppbv	98
48) Dibromochloromethane	9.703	129	1630376	10.826	ppbv	99
49) Bromoform	12.401	173	1455608	11.297	ppbv	99
50) 4-Methyl-2-Pentanone	8.176	43	2571671	10.762	ppbv	100
51) 2-Hexanone	9.542	43	1998257	11.483	ppbv	100
52) Tetrachloroethene	10.610	164	879019	11.136	ppbv	96
53) Toluene	9.214	91	2735661	11.231	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1309588	11.314	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.500	131	1243563	9.815	ppbv	99
57) Chlorobenzene	11.520	112	2179178	9.591	ppbv	99
58) Ethyl Benzene	12.082	91	3728449	11.070	ppbv	98
59) m/p-Xylene	12.365	91	6395484m	21.205	ppbv	
60) o-Xylene	13.053	91	3062960	10.650	ppbv	100
61) Styrene	12.889	104	1481910	12.484	ppbv	100
62) Isopropylbenzene	14.021	105	4558228	10.262	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	2147383	10.150	ppbv	100
64) n-propylbenzene	14.912	120	1241910	10.681	ppbv	100
65) tert-Butylbenzene	16.082	119	4096195	10.261	ppbv	100
66) Benzyl Chloride	16.320	91	355379	11.572	ppbv	98
67) sec-Butylbenzene	16.629	105	5794246	10.298	ppbv	100
69) p-Isopropyltoluene	16.989	119	4835968	10.631	ppbv	100
70) n-Butylbenzene	17.879	91	4962037	10.661	ppbv	100
71) 2-Chlorotoluene	14.793	91	3445507	10.731	ppbv	100
72) 4-Ethyltoluene	15.185	105	3711135	11.099	ppbv	99
73) 1,3,5-Trimethylbenzene	15.343	105	3178195	10.832	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3520719	10.330	ppbv	98
75) 1,3-Dichlorobenzene	16.326	146	2160341	10.235	ppbv	100
76) 1,4-Dichlorobenzene	16.468	146	2076558	10.196	ppbv	99
77) 1,2-Dichlorobenzene	17.137	146	2104681	10.065	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	1379912	8.344	ppbv	99
79) Naphthalene	21.374	128	2624137	12.474	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	350949	7.653	ppbv	96
81) 1,2,4-Trichlorobenzene	21.130	180	1353417	10.230	ppbv	100

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

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