

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041749.D
 Acq On : 12 Dec 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Dec 12 14:37:19 2024
 Quant Title :
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	2.771	49	234463	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	3.936	114	1089055	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.862	117	952232	10.000	ppbv	-0.04

12/13/2024
 Supervised By :Semsettin
 Esilyurt

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 10.364 95 650861 10.397 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.000%

12/13/2024

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.492	85	397916	9.669	ppbv	100
3) Chlorodifluoromethane	1.470	51	296357	9.285	ppbv	100
4) Chloromethane	1.525	50	102722	9.406	ppbv	98
5) Vinyl Chloride	1.573	62	122811	9.181	ppbv	98
6) Bromomethane	1.661	94	71534	8.154	ppbv	98
7) Chloroethane	1.696	64	55217	9.489	ppbv	98
8) Dichlorotetrafluoroethane	1.547	85	317365	9.458	ppbv	99
9) Propene	1.476	41	124604	9.155	ppbv	98
10) Heptane	4.952	43	364336	9.683	ppbv	100
11) Trichlorofluoromethane	1.868	101	471051	9.940	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.127	101	421579	9.881	ppbv	99
13) Ethanol	1.712	45	3358	2.983	ppbv	94
14) Bromoethene	1.774	108	148903	9.522	ppbv	98
15) Acetone	1.826	43	215597	7.964	ppbv	99
16) 1,3-Butadiene	1.602	39	85830	9.452	ppbv	100
17) tert-Butyl alcohol	2.030	59	370657	9.445	ppbv	100
18) 1,1-Dichloroethene	2.023	96	188244	9.710	ppbv	98
19) Isopropyl Alcohol	1.874	45	134190	5.219	ppbv	91
20) Methylene Chloride	2.052	84	147951	9.023	ppbv	98
21) Allyl Chloride	2.085	41	144455	9.477	ppbv	99
22) trans-1,2-Dichloroethene	2.327	96	219136	9.736	ppbv	98
23) Vinyl Acetate	2.447	43	195956	11.954	ppbv	98
24) 1,1-Dichloroethane	2.395	63	305955	10.037	ppbv	99
25) Ethyl Acetate	4.952	43	364336	9.683	ppbv #	99
26) Hexane	2.810	57	361084	9.896	ppbv	98
27) Carbon Disulfide	2.140	76	319771	8.512	ppbv	96
28) Methyl tert-Butyl Ether	2.428	73	258801	9.449	ppbv	99
29) Chloroform	2.832	83	543858	9.736	ppbv	99
30) Cyclohexane	3.836	84	386524	9.432	ppbv	97
31) cis-1,2-Dichloroethene	2.706	61	328306	9.713	ppbv	98
32) 1,1,1-Trichloroethane	3.350	97	519404	9.455	ppbv	98
34) 2-Butanone	2.544	43	390220	10.233	ppbv	99
35) Carbon Tetrachloride	3.742	117	529532	10.440	ppbv	99
36) Benzene	3.635	78	860828	10.053	ppbv	100
37) 1,2-Dichloroethane	3.201	62	325781	10.532	ppbv	99
38) Trichloroethene	4.522	130	606441	13.657	ppbv	98
39) 1,2-Dichloropropane	4.289	63	281338	10.311	ppbv	98
40) 1,4-Dioxane	4.557	88	163416	9.926	ppbv #	94
41) Tetrahydrofuran	3.039	42	242999	10.575	ppbv	98
42) Bromodichloromethane	4.463	83	518242	10.377	ppbv	97
43) Methyl Methacrylate	4.852	69	312014	10.116	ppbv	98
44) 2,2,4-Trimethylpentane	4.616	57	1224011	10.269	ppbv	99
45) t-1,3-Dichloropropene	6.386	75	238139	7.914	ppbv	99
46) cis-1,3-Dichloropropene	5.570	75	347639	8.703	ppbv	98

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47) 1,1,2-Trichloroethane	6.551	97	354763	9.765	ppbv	100	12/13/2024
48) Dibromochloromethane	7.363	129	503608	9.620	ppbv	99	Supervised By :Semsettin
49) Bromoform	9.467	173	477830	9.540	ppbv	100	Yesilyurt
50) 4-Methyl-2-Pentanone	5.719	43	567286	10.373	ppbv	98	
51) 2-Hexanone	7.415	43	448633	9.973	ppbv #	98	
52) Tetrachloroethene	8.205	164	410803	9.055	ppbv	98	
53) Toluene	6.907	91	1021981	9.712	ppbv	99	
54) 1,2-Dibromoethane	7.629	107	475682	9.578	ppbv	98	12/13/2024
56) 1,1,1,2-Tetrachloroethane	8.907	131	439912	9.937	ppbv	100	
57) Chlorobenzene	8.904	112	850415	9.814	ppbv	98	
58) Ethyl Benzene	9.338	91	1270772	9.972	ppbv	99	
59) m/p-Xylene	9.535	91	1981545m	20.291	ppbv		
60) o-Xylene	9.950	91	1005993	10.391	ppbv	98	
61) Styrene	9.856	104	536392	10.037	ppbv	99	
62) Isopropylbenzene	10.526	105	1569057	9.824	ppbv	98	
63) 1,1,2,2-Tetrachloroethane	9.950	83	366254	5.847	ppbv	99	
64) n-propylbenzene	10.979	120	455568	9.688	ppbv	91	
65) tert-Butylbenzene	11.523	119	1469192	9.704	ppbv	98	
66) Benzyl Chloride	10.888	91	1062373	9.785	ppbv	97	
67) sec-Butylbenzene	11.759	105	1900603	9.698	ppbv	97	
69) p-Isopropyltoluene	11.917	119	1641222	9.709	ppbv	98	
70) n-Butylbenzene	12.273	91	1412077	10.066	ppbv	98	
71) 2-Chlorotoluene	10.888	91	1062373	9.785	ppbv	97	
72) 4-Ethyltoluene	11.086	105	33080	0.265	ppbv #	52	
73) 1,3,5-Trimethylbenzene	11.192	105	1034968	10.233	ppbv	100	
74) 1,2,4-Trimethylbenzene	11.526	105	1146729	10.430	ppbv #	91	
75) 1,3-Dichlorobenzene	11.597	146	817637	9.306	ppbv	99	
76) 1,4-Dichlorobenzene	11.662	146	808663	9.318	ppbv	99	
77) 1,2-Dichlorobenzene	11.937	146	785578	9.442	ppbv	99	
78) Hexachloro-1,3-Butadiene	13.876	225	643798	9.414	ppbv	100	
79) Naphthalene	13.507	128	1056586	11.227	ppbv	99	
80) Naphthalene,2-methyl-	14.455	142	733691	21.548	ppbv	99	
81) 1,2,4-Trichlorobenzene	13.435	180	623282	10.519	ppbv	100	

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

