

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044679.D
 Acq On : 21 Jan 2025 12:23
 Operator : JC/MD
 Sample : VSTD20059
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200659

Quant Time: Jan 22 01:01:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 00:56:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2025
 Supervised By :Semsettin Yesilyurt 01/22/2025

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	292131	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	245599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	107328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	514851	212.744	ug/L	0.00
7) Chloroethane-d5	1.648	69	128215m	185.622	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	203407	213.695	ug/L	0.00
21) 2-Butanone-d5	4.452	46	500559	399.805	ug/L	0.00
24) Chloroform-d	5.050	84	859591	206.285	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	528817	192.411	ug/L	0.00
32) Benzene-d6	5.964	84	1658100	202.294	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	534506	206.316	ug/L	0.00
41) Toluene-d8	8.647	98	1441926	196.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	275867	207.770	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	304651	409.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	594485	190.359	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	439187	190.417	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	367209	217.227	ug/L	# 87
3) Chloromethane	1.294	50	439358	212.617	ug/L	98
5) Vinyl chloride	1.374	62	446172	215.448	ug/L	99
6) Bromomethane	1.599	94	101790	208.877	ug/L	99
8) Chloroethane	1.666	64	94008	247.738	ug/L	97
9) Trichlorofluoromethane	1.861	101	385284	205.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	354192	225.413	ug/L	98
12) 1,1-Dichloroethene	2.306	96	331974	227.096	ug/L	# 84
13) Acetone	2.386	43	308967	408.057	ug/L	99
14) Carbon disulfide	2.502	76	999513	217.848	ug/L	99
15) Methyl Acetate	2.703	43	389588	214.686	ug/L	99
16) Methylene chloride	2.782	84	388090	214.593	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	354883	216.746	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	1252839	212.636	ug/L	100
19) 1,1-Dichloroethane	3.599	63	697617	215.359	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	429395	217.130	ug/L	98
22) 2-Butanone	4.556	43	498713	431.526	ug/L	99
23) Bromochloromethane	4.891	128	210097	216.804	ug/L	98
25) Chloroform	5.086	83	708351	213.400	ug/L	100
27) 1,2-Dichloroethane	6.080	62	548161	213.950	ug/L	100
29) Cyclohexane	5.458	56	637672	216.807	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	603661	216.792	ug/L	100
31) Carbon tetrachloride	5.666	117	515472	215.484	ug/L	99
33) Benzene	6.031	78	1465438	212.425	ug/L	100
34) Trichloroethene	7.117	95	398482	221.915	ug/L	99
35) Methylcyclohexane	7.373	83	647525	219.112	ug/L	99
37) 1,2-Dichloropropane	7.421	63	400184	214.659	ug/L	100
38) Bromodichloromethane	7.818	83	547258	216.778	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	700011	218.353	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	955632	427.414	ug/L	100
42) Toluene	8.714	91	1489650	208.445	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	633484	218.402	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	370687	204.234	ug/L	100
46) Tetrachloroethene	9.269	164	265582	215.905	ug/L	98
48) 2-Hexanone	9.433	43	675111	410.267	ug/L	99
49) Dibromochloromethane	9.519	129	392183	208.662	ug/L	99
50) 1,2-Dibromoethane	9.604	107	394039	213.044	ug/L	96
51) Chlorobenzene	10.073	112	928223	210.494	ug/L	99
52) Ethylbenzene	10.189	91	1624136	210.765	ug/L	98
53) m,p-Xylene	10.299	106	605858	210.193	ug/L	99
54) o-Xylene	10.640	106	582881	203.702	ug/L	98
55) Styrene	10.652	104	973872	210.171	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	528955	200.700	ug/L	99
59) Bromoform	10.799	173	269739	198.703	ug/L	99
60) Isopropylbenzene	10.957	105	1515181	198.604	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	401475	190.576	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1259975	198.923	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	1239625	201.198	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	644816	210.537	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	634789	206.594	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	620833	202.114	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	123126	203.289	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	429342	215.194	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	404425	225.085	ug/L	99
71) Naphthalene	13.774	128	1471710	213.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	401762	217.744	ug/L	99

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

