

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044677.D
 Acq On : 21 Jan 2025 11:38
 Operator : JC/MD
 Sample : VSTD05057
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050657

Quant Time: Jan 22 00:59:54 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	317833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	267847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	138455	52.585	ug/L	0.00
7) Chloroethane-d5	1.648	69	36208m	48.181	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	54967	53.077	ug/L	0.00
21) 2-Butanone-d5	4.452	46	140983	103.499	ug/L	0.00
24) Chloroform-d	5.050	84	229351	50.589	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	144586	48.354	ug/L	0.00
32) Benzene-d6	5.964	84	456186	51.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	145158	51.376	ug/L	0.00
41) Toluene-d8	8.640	98	403766	50.527	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	74141	51.201	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	83518	102.890	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168665	49.522	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	121495	51.072	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104196	56.654	ug/L	100
3) Chloromethane	1.294	50	124551	55.399	ug/L	100
5) Vinyl chloride	1.373	62	125330	55.626	ug/L	100
6) Bromomethane	1.599	94	29679	55.978	ug/L	100
8) Chloroethane	1.666	64	23561	57.069	ug/L	100
9) Trichlorofluoromethane	1.867	101	111949	54.916	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	100734	58.924	ug/L	100
12) 1,1-Dichloroethene	2.312	96	95611	60.116	ug/L	100
13) Acetone	2.385	43	91980	111.656	ug/L	100
14) Carbon disulfide	2.501	76	281700	56.433	ug/L	100
15) Methyl Acetate	2.702	43	111438	56.443	ug/L	100
16) Methylene chloride	2.782	84	111234	56.533	ug/L	100
17) trans-1,2-Dichloroethene	3.080	96	99958	56.113	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	368005	57.408	ug/L	100
19) 1,1-Dichloroethane	3.599	63	199670	56.655	ug/L	100
20) cis-1,2-Dichloroethene	4.476	96	120961	56.219	ug/L	100
22) 2-Butanone	4.556	43	146471	116.489	ug/L	100
23) Bromochloromethane	4.891	128	59452	56.389	ug/L	100
25) Chloroform	5.080	83	202837	56.166	ug/L	100
27) 1,2-Dichloroethane	6.080	62	161655	57.993	ug/L	100
29) Cyclohexane	5.464	56	186710	58.208	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	175443	57.773	ug/L	100
31) Carbon tetrachloride	5.665	117	149243	57.206	ug/L	100
33) Benzene	6.031	78	439747	58.450	ug/L	100
34) Trichloroethene	7.116	95	112817	57.609	ug/L	100
35) Methylcyclohexane	7.372	83	189441	58.779	ug/L	100
37) 1,2-Dichloropropane	7.421	63	117128	57.609	ug/L	100
38) Bromodichloromethane	7.817	83	159272	57.850	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	201273	57.568	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	286120	117.340	ug/L	100
42) Toluene	8.714	91	452015	57.996	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	182954	57.837	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.146	97	112390	56.779	ug/L	100
46) Tetrachloroethene	9.268	164	78344	58.400	ug/L	100
48) 2-Hexanone	9.433	43	206037	114.809	ug/L	100
49) Dibromochloromethane	9.518	129	116377	56.776	ug/L	100
50) 1,2-Dibromoethane	9.604	107	115881	57.449	ug/L	100
51) Chlorobenzene	10.073	112	272976	56.761	ug/L	100
52) Ethylbenzene	10.189	91	484323	57.630	ug/L	100
53) m,p-Xylene	10.299	106	181702	57.803	ug/L	100
54) o-Xylene	10.640	106	177308	56.818	ug/L	100
55) Styrene	10.652	104	291944	57.771	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	161778	56.284	ug/L	100
59) Bromoform	10.799	173	80858	57.749	ug/L	100
60) Isopropylbenzene	10.957	105	454256	57.729	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	121965	56.132	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	375651	57.501	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	367292	57.798	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181718	57.525	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	179710	56.706	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	181101	57.162	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	34839	55.769	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	116832	56.775	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107007	57.741	ug/L	100
71) Naphthalene	13.774	128	420237	59.191	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	109585	57.583	ug/L	100

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

