

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044738.D
 Acq On : 28 Jan 2025 10:15
 Operator : JC/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010662

Quant Time: Jan 28 11:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 11:11:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	323087	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	276561	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	118973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22160	8.198	ug/L	0.00
7) Chloroethane-d5	1.648	69	10529	13.421	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	8543	8.210	ug/L	0.00
21) 2-Butanone-d5	4.465	46	21262	15.655	ug/L	0.00
24) Chloroform-d	5.056	84	40542	8.954	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	24838	8.397	ug/L	0.00
32) Benzene-d6	5.964	84	83967	9.261	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	26300	9.196	ug/L	0.00
41) Toluene-d8	8.647	98	74242	9.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	11851	8.155	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	15282	18.278	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	33423	9.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	22269	8.874	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21415	10.991	ug/L	95
3) Chloromethane	1.307	50	27539	11.645	ug/L	96
5) Vinyl chloride	1.374	62	24594	10.749	ug/L	99
6) Bromomethane	1.593	94	7055	12.642	ug/L	90
8) Chloroethane	1.666	64	12329	20.289	ug/L	99
9) Trichlorofluoromethane	1.874	101	26299	11.602	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	17832	10.120	ug/L	98
12) 1,1-Dichloroethene	2.313	96	15801	9.628	ug/L	81
13) Acetone	2.380	43	17358	20.181	ug/L	94
14) Carbon disulfide	2.502	76	46871	9.060	ug/L	97
15) Methyl Acetate	2.703	43	19003	9.240	ug/L	98
16) Methylene chloride	2.782	84	18418	9.091	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	17068	9.319	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	63692	9.814	ug/L	97
19) 1,1-Dichloroethane	3.605	63	34249	9.482	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	21877	9.945	ug/L	97
22) 2-Butanone	4.562	43	32066	23.655	ug/L	99
23) Bromochloromethane	4.904	128	12214	11.375	ug/L	84
25) Chloroform	5.086	83	40861	11.154	ug/L	99
27) 1,2-Dichloroethane	6.086	62	30050	10.752	ug/L	96
29) Cyclohexane	5.471	56	42940	12.773	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	34669	11.221	ug/L	100
31) Carbon tetrachloride	5.672	117	29285	11.004	ug/L	99
33) Benzene	6.031	78	92689	11.970	ug/L	100
34) Trichloroethene	7.123	95	22687	11.300	ug/L	95
35) Methylcyclohexane	7.373	83	38970	11.726	ug/L	99
37) 1,2-Dichloropropane	7.428	63	25046	11.952	ug/L	99
38) Bromodichloromethane	7.818	83	30160	10.792	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	38425	10.768	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	63756	24.438	ug/L	99
42) Toluene	8.714	91	93864	11.680	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	34292	10.623	ug/L	99

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45) 1,1,2-Trichloroethane	9.147	97	23129	11.359	ug/L	99
46) Tetrachloroethene	9.269	164	16377	11.881	ug/L	97
48) 2-Hexanone	9.433	43	44921	23.288	ug/L	97
49) Dibromochloromethane	9.519	129	22817	10.869	ug/L	100
50) 1,2-Dibromoethane	9.610	107	23905	11.470	ug/L #	98
51) Chlorobenzene	10.073	112	58836	11.769	ug/L	96
52) Ethylbenzene	10.189	91	101237	11.628	ug/L	99
53) m,p-Xylene	10.299	106	37681	11.564	ug/L	98
54) o-Xylene	10.640	106	38276	11.770	ug/L	99
55) Styrene	10.653	104	61369	11.584	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	36004	11.910	ug/L	99
59) Bromoform	10.799	173	15546	10.544	ug/L	99
60) Isopropylbenzene	10.957	105	97811	11.674	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	27971	11.988	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	78926	11.315	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	77542	11.397	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	38085	11.241	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	39853	11.737	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	38800	11.411	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	6942	10.495	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	24766	11.175	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	21290	10.683	ug/L	99
71) Naphthalene	13.774	128	84830	11.153	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	22234	10.888	ug/L	99

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

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