

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044737.D
 Acq On : 28 Jan 2025 09:52
 Operator : JC/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005661

Quant Time: Jan 28 11:12:05 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	6.751	114	329937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	294608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	128649	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12292	4.453	ug/L	0.00
7) Chloroethane-d5	1.642	69	4704	5.871	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	5411	5.092	ug/L	0.00
21) 2-Butanone-d5	4.465	46	12883	9.289	ug/L	0.00
24) Chloroform-d	5.050	84	21427	4.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	13252	4.387	ug/L	0.00
32) Benzene-d6	5.958	84	44530	4.610	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	14053	4.613	ug/L	0.00
41) Toluene-d8	8.647	98	40380	4.679	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6428	4.152	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	8073	9.064	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	17925	4.783	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	12666	4.668	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	10048	5.050	ug/L	93
3) Chloromethane	1.307	50	15201	6.294	ug/L	98
5) Vinyl chloride	1.374	62	13505	5.780	ug/L	94
6) Bromomethane	1.593	94	3712	6.514	ug/L	96
8) Chloroethane	1.666	64	6755	10.886	ug/L	87
9) Trichlorofluoromethane	1.874	101	13534	5.847	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	11599	6.446	ug/L	95
12) 1,1-Dichloroethene	2.313	96	10605	6.328	ug/L	85
13) Acetone	2.380	43	12348	14.058	ug/L	96
14) Carbon disulfide	2.502	76	34802	6.587	ug/L	98
15) Methyl Acetate	2.697	43	12430	5.918	ug/L	98
16) Methylene chloride	2.782	84	12234	5.913	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	11118	5.944	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	36899	5.567	ug/L	96
19) 1,1-Dichloroethane	3.599	63	21281	5.770	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	12918	5.750	ug/L	100
22) 2-Butanone	4.562	43	16163	11.676	ug/L	99
23) Bromochloromethane	4.891	128	6142	5.601	ug/L #	95
25) Chloroform	5.080	83	21071	5.633	ug/L	95
27) 1,2-Dichloroethane	6.086	62	15796	5.534	ug/L	97
29) Cyclohexane	5.458	56	21741	6.071	ug/L	99
30) 1,1,1-Trichloroethane	5.367	97	17765	5.397	ug/L	100
31) Carbon tetrachloride	5.666	117	15631	5.514	ug/L	94
33) Benzene	6.025	78	46420	5.627	ug/L	100
34) Trichloroethene	7.117	95	11832	5.532	ug/L	94
35) Methylcyclohexane	7.373	83	20571	5.811	ug/L	98
37) 1,2-Dichloropropane	7.421	63	12534	5.615	ug/L	100
38) Bromodichloromethane	7.818	83	15646	5.256	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	19987	5.258	ug/L	95
40) 4-Methyl-2-pentanone	8.568	43	33308	11.985	ug/L	98
42) Toluene	8.714	91	48283	5.640	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	17724	5.154	ug/L	96

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45) 1,1,2-Trichloroethane	9.153	97	12181	5.616	ug/L	91
46) Tetrachloroethene	9.269	164	8679	5.911	ug/L	96
48) 2-Hexanone	9.433	43	22274	10.840	ug/L	95
49) Dibromochloromethane	9.519	129	12002	5.367	ug/L	100
50) 1,2-Dibromoethane	9.610	107	12646	5.696	ug/L #	97
51) Chlorobenzene	10.073	112	30644	5.754	ug/L	98
52) Ethylbenzene	10.189	91	53579	5.777	ug/L	96
53) m,p-Xylene	10.299	106	20230	5.828	ug/L	96
54) o-Xylene	10.640	106	20168	5.822	ug/L	87
55) Styrene	10.652	104	32910	5.831	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	19015	5.905	ug/L	94
59) Bromoform	10.799	173	8170	5.125	ug/L	100
60) Isopropylbenzene	10.957	105	52320	5.775	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	14074	5.578	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	42260	5.603	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	42294	5.749	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	21992	6.003	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	21168	5.765	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	21525	5.854	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.945	75	3791	5.300	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	13741	5.734	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	11696	5.428	ug/L	97
71) Naphthalene	13.774	128	48068	5.844	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12236	5.541	ug/L	99

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

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