

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070424\
 Data File : VX042177.D
 Acq On : 03 Jul 2024 21:02
 Operator : JC/MD
 Sample : VSTD20010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200610

Quant Time: Jul 04 04:48:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 04:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275333	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	257204	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	147378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	325038	207.118	ug/L	0.00
7) Chloroethane-d5	1.642	69	192464	171.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	146137	192.980	ug/L	0.00
21) 2-Butanone-d5	4.465	46	442841	385.331	ug/L	0.00
24) Chloroform-d	5.056	84	648903	191.671	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	378568	158.884	ug/L	0.00
32) Benzene-d6	5.970	84	1316654	189.096	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	404596	194.006	ug/L	0.00
41) Toluene-d8	8.647	98	1231322	172.111	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	192044	187.856	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	388444	402.225	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	597059	183.703	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	559987	188.700	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	379977	198.495	ug/L	99
3) Chloromethane	1.301	50	374149	221.164	ug/L	99
5) Vinyl chloride	1.374	62	384280	222.699	ug/L	100
6) Bromomethane	1.599	94	210153	182.656	ug/L	100
8) Chloroethane	1.660	64	166862	171.683	ug/L	98
9) Trichlorofluoromethane	1.868	101	443663	152.492	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	340526	191.471	ug/L	99
12) 1,1-Dichloroethene	2.306	96	327449	205.173	ug/L	97
13) Acetone	2.398	43	301954	269.743	ug/L	98
14) Carbon disulfide	2.502	76	881045	226.593	ug/L	99
15) Methyl Acetate	2.709	43	380053	190.752	ug/L	99
16) Methylene chloride	2.782	84	363211	202.160	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	336642	205.623	ug/L	98
18) Methyl tert-butyl Ether	3.123	73	1094409	197.254	ug/L	100
19) 1,1-Dichloroethane	3.605	63	595571	196.998	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	393133	206.594	ug/L	100
22) 2-Butanone	4.568	43	521627	359.126	ug/L	98
23) Bromochloromethane	4.904	128	216732	213.360	ug/L	99
25) Chloroform	5.093	83	625797	192.523	ug/L	99
27) 1,2-Dichloroethane	6.086	62	459894	173.589	ug/L	100
29) Cyclohexane	5.464	56	549446	192.527	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	555513	186.161	ug/L	100
31) Carbon tetrachloride	5.672	117	503893	190.880	ug/L	100
33) Benzene	6.037	78	1364270	189.145	ug/L	100
34) Trichloroethene	7.123	95	371595	189.257	ug/L	99
35) Methylcyclohexane	7.379	83	576576	189.750	ug/L	100
37) 1,2-Dichloropropane	7.428	63	353526	193.842	ug/L	100
38) Bromodichloromethane	7.824	83	464444	191.295	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	571116	191.831	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1030026	356.503	ug/L	99
42) Toluene	8.720	91	1470761	187.013	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	524383	190.310	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	376270	186.716	ug/L	97
46) Tetrachloroethene	9.275	164	344377	182.994	ug/L	99
48) 2-Hexanone	9.433	43	807849	353.677	ug/L	99
49) Dibromochloromethane	9.525	129	423794	208.700	ug/L	99
50) 1,2-Dibromoethane	9.610	107	411620	196.584	ug/L	98
51) Chlorobenzene	10.079	112	1009389	192.666	ug/L	99
52) Ethylbenzene	10.195	91	1632845	190.045	ug/L	99
53) m,p-Xylene	10.299	106	665942	190.835	ug/L	99
54) o-Xylene	10.640	106	660468	185.785	ug/L	98
55) Styrene	10.653	104	1132184	190.754	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	605435	182.077	ug/L	98
59) Bromoform	10.799	173	385862	222.257	ug/L	99
60) Isopropylbenzene	10.963	105	1696923	188.216	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	458524	181.685	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	1325520	211.408	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	1444705	195.154	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	882419	191.180	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	900519	193.448	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	891840	188.570	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	137853	202.545	ug/L	89
69) 1,3,5-Trichlorobenzene	13.116	180	684074	195.542	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	652909	206.939	ug/L	98
71) Naphthalene	13.774	128	1919505	205.806	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	653047	202.272	ug/L	100

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

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