

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041024\
 Data File : VX040959.D
 Acq On : 10 Apr 2024 16:52
 Operator : JC/MD
 Sample : VSTD05070
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050670

Quant Time: Apr 11 05:27:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:26:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	309657	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	291971	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	167433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113610	51.582	ug/L	0.00
7) Chloroethane-d5	1.666	69	93979	52.254	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	48841	51.940	ug/L	0.00
21) 2-Butanone-d5	4.452	46	127005	105.860	ug/L	0.00
24) Chloroform-d	5.056	84	212363	51.675	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	135493	50.686	ug/L	0.00
32) Benzene-d6	5.977	84	414276	52.264	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	118619	51.311	ug/L	0.00
41) Toluene-d8	8.647	98	403070	52.050	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	60895	52.344	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	104215	106.590	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	176925	51.665	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	172154	51.256	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104416	51.208	ug/L	100
3) Chloromethane	1.301	50	98531	50.904	ug/L	100
5) Vinyl chloride	1.374	62	120165	51.662	ug/L	100
6) Bromomethane	1.605	94	79120	56.262	ug/L	100
8) Chloroethane	1.691	64	75594	52.231	ug/L	100
9) Trichlorofluoromethane	1.892	101	193307	52.749	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	109994	52.520	ug/L	100
12) 1,1-Dichloroethene	2.319	96	97588	52.464	ug/L	100
13) Acetone	2.380	43	133952	103.011	ug/L	100
14) Carbon disulfide	2.514	76	243141	52.015	ug/L	100
15) Methyl Acetate	2.703	43	116708	51.699	ug/L	100
16) Methylene chloride	2.788	84	99487	51.315	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	100385	52.136	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	316104	52.304	ug/L	100
19) 1,1-Dichloroethane	3.611	63	177609	51.934	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	114829	52.346	ug/L	100
22) 2-Butanone	4.556	43	176193	103.511	ug/L	100
23) Bromochloromethane	4.898	128	63717	53.429	ug/L	100
25) Chloroform	5.093	83	195075	52.049	ug/L	100
27) 1,2-Dichloroethane	6.086	62	158557	52.635	ug/L	100
29) Cyclohexane	5.471	56	156353	53.454	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	173528	53.035	ug/L	100
31) Carbon tetrachloride	5.678	117	158176	53.049	ug/L	100
33) Benzene	6.038	78	398585	52.617	ug/L	100
34) Trichloroethene	7.123	95	113009	52.005	ug/L	100
35) Methylcyclohexane	7.379	83	164500	53.377	ug/L	100
37) 1,2-Dichloropropane	7.428	63	101839	51.938	ug/L	100
38) Bromodichloromethane	7.818	83	145353	52.878	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	169525	52.918	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	320158	107.814	ug/L	100
42) Toluene	8.720	91	444982	53.043	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	160715	53.682	ug/L	100

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45) 1,1,2-Trichloroethane	9.153	97	110387	51.829	ug/L	100
46) Tetrachloroethene	9.275	164	107982	52.761	ug/L	100
48) 2-Hexanone	9.427	43	263015	109.633	ug/L	100
49) Dibromochloromethane	9.519	129	127357	53.018	ug/L	100
50) 1,2-Dibromoethane	9.610	107	121234	52.765	ug/L	100
51) Chlorobenzene	10.079	112	307033	52.225	ug/L	100
52) Ethylbenzene	10.195	91	502869	52.831	ug/L	100
53) m,p-Xylene	10.299	106	199420	52.545	ug/L	100
54) o-Xylene	10.640	106	194221	53.066	ug/L	100
55) Styrene	10.653	104	336102	53.414	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	173250	52.503	ug/L	100
59) Bromoform	10.799	173	109816	53.442	ug/L	100
60) Isopropylbenzene	10.964	105	526280	53.765	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	134881	52.757	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	422196	53.502	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	429172	54.031	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	266842	51.953	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	273321	51.837	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	256528	51.486	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	38119	52.135	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	204922	52.098	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	191498	51.374	ug/L	100
71) Naphthalene	13.774	128	548890	53.735	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	187122	51.186	ug/L	100

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

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