

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034996.D
 Acq On : 10 Apr 2023 16:16
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050623

Quant Time: Apr 11 05:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	503248	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	443753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	156118	46.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.672	69	118574	48.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.306	63	322359	47.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.880%
21) 2-Butanone-d5	4.458	46	211671	95.014	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.010%
24) Chloroform-d	5.050	84	309029	48.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
26) 1,2-Dichloroethane-d4	5.952	65	207010	47.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
32) Benzene-d6	5.970	84	587789	47.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
36) 1,2-Dichloropropane-d6	7.306	67	182695	47.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.880%
41) Toluene-d8	8.647	98	542597	47.822	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	8.945	79	83909	47.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.900%
47) 2-Hexanone-d5	9.384	63	148200	97.301	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	232189	49.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	198462	48.106	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	215444	49.294	ug/L	99
3) Chloromethane	1.294	50	198973	48.434	ug/L	98
5) Vinyl chloride	1.374	62	202743	48.693	ug/L	100
6) Bromomethane	1.618	94	115651	49.155	ug/L	99
8) Chloroethane	1.691	64	114999	49.081	ug/L	97
9) Trichlorofluoromethane	1.892	101	281972	48.676	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	176962	49.228	ug/L	99
12) 1,1-Dichloroethene	2.319	96	155863	48.719	ug/L	88
13) Acetone	2.392	43	191096	86.752	ug/L	100
14) Carbon disulfide	2.514	76	399296	46.424	ug/L	99
15) Methyl Acetate	2.703	43	176011	46.556	ug/L	99
16) Methylene chloride	2.788	84	168353	47.962	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	158022	48.030	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	563725	49.018	ug/L	100
19) 1,1-Dichloroethane	3.605	63	317493	48.459	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	182037	48.364	ug/L	97
22) 2-Butanone	4.556	43	260542	92.594	ug/L	100
23) Bromochloromethane	4.891	128	90060	48.371	ug/L	97
25) Chloroform	5.086	83	329447	49.030	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	281884	49.536	ug/L	100
29) Cyclohexane	5.464	56	300351	49.222	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	289130	49.273	ug/L	100
31) Carbon tetrachloride	5.672	117	246245	48.684	ug/L	98
33) Benzene	6.031	78	690484	48.791	ug/L	100
34) Trichloroethene	7.123	95	186230	48.809	ug/L	100
35) Methylcyclohexane	7.379	83	274319	49.871	ug/L	100
37) 1,2-Dichloropropane	7.427	63	184459	49.190	ug/L	100
38) Bromodichloromethane	7.818	83	231971	48.893	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	284038	49.562	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	486983	97.733	ug/L	100
42) Toluene	8.714	91	727383	49.627	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	267323	50.667	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	173923	49.738	ug/L	96
46) Tetrachloroethene	9.275	164	139757	49.168	ug/L	98
48) 2-Hexanone	9.427	43	375440	96.126	ug/L	100
49) Dibromochloromethane	9.519	129	170498	49.571	ug/L	100
50) 1,2-Dibromoethane	9.610	107	180709	49.245	ug/L	98
51) Chlorobenzene	10.079	112	464804	49.201	ug/L	99
52) Ethylbenzene	10.189	91	829880	49.893	ug/L	100
53) m,p-Xylene	10.299	106	313654	50.048	ug/L	98
54) o-Xylene	10.640	106	306977	49.714	ug/L	100
55) Styrene	10.653	104	520144	50.242	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	254849	49.082	ug/L	100
59) Bromoform	10.799	173	114680	47.843	ug/L	98
60) Isopropylbenzene	10.963	105	820346	49.965	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	202830	47.051	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	686476	50.428	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	677530	50.406	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	355287	48.577	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	360712	48.777	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	346816	48.133	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	52695	47.750	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	225579	49.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	210729	49.518	ug/L	98
71) Naphthalene	13.774	128	731038	50.270	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	208553	48.804	ug/L	100

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

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