

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041042.D
 Acq On : 12 Apr 2024 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050731

Quant Time: Apr 13 01:48:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	291000	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	161040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116500	56.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 112.580%	
7) Chloroethane-d5	1.666	69	92093	54.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.120%	
11) 1,1-Dichloroethene-d2	2.306	65	46562	52.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.380%	
21) 2-Butanone-d5	4.452	46	125803	111.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.580%	
24) Chloroform-d	5.056	84	203318	52.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.300%	
26) 1,2-Dichloroethane-d4	5.958	65	127182	50.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.260%	
32) Benzene-d6	5.970	84	397394	51.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.960%	
36) 1,2-Dichloropropane-d6	7.306	67	113531	50.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.820%	
41) Toluene-d8	8.647	98	384812	51.518	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.040%	
43) trans-1,3-Dichloroprop...	8.952	79	55843	49.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 99.520%	
47) 2-Hexanone-d5	9.384	63	99885	106.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.250%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172898	52.344	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.680%	
66) 1,2-Dichlorobenzene-d4	12.317	152	166096	51.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.840%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	95130	49.645	ug/L	100
3) Chloromethane	1.301	50	91552	50.331	ug/L	98
5) Vinyl chloride	1.374	62	109489	50.090	ug/L	98
6) Bromomethane	1.605	94	66362	50.215	ug/L	97
8) Chloroethane	1.685	64	68525	50.383	ug/L	99
9) Trichlorofluoromethane	1.886	101	174410	50.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	99518	50.564	ug/L	99
12) 1,1-Dichloroethene	2.319	96	87523	50.070	ug/L	95
13) Acetone	2.380	43	97782	80.017	ug/L	99
14) Carbon disulfide	2.514	76	208964	47.569	ug/L	99
15) Methyl Acetate	2.703	43	110513	52.093	ug/L	99
16) Methylene chloride	2.788	84	92966	51.026	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	88399	48.855	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	291565	51.337	ug/L	99
19) 1,1-Dichloroethane	3.611	63	165277	51.427	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	104989	50.929	ug/L	99
22) 2-Butanone	4.556	43	156003	97.526	ug/L	98
23) Bromochloromethane	4.897	128	57463	51.274	ug/L	98
25) Chloroform	5.093	83	180560	51.265	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	144564	51.066	ug/L	98
29) Cyclohexane	5.471	56	143583	50.892	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	159801	50.634	ug/L	99
31) Carbon tetrachloride	5.678	117	143957	50.054	ug/L	99
33) Benzene	6.037	78	369148	50.521	ug/L	100
34) Trichloroethene	7.123	95	101101	48.234	ug/L	96
35) Methylcyclohexane	7.379	83	153618	51.677	ug/L	100
37) 1,2-Dichloropropane	7.427	63	97372	51.484	ug/L	100
38) Bromodichloromethane	7.824	83	132595	50.009	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	153780	49.767	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	304049	106.151	ug/L	99
42) Toluene	8.714	91	410306	50.706	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	141867	49.127	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	105902	51.550	ug/L	99
46) Tetrachloroethene	9.275	164	97187	49.231	ug/L	98
48) 2-Hexanone	9.427	43	245438	106.664	ug/L	99
49) Dibromochloromethane	9.519	129	117108	50.542	ug/L	97
50) 1,2-Dibromoethane	9.610	107	113682	51.296	ug/L	97
51) Chlorobenzene	10.079	112	288042	50.794	ug/L	99
52) Ethylbenzene	10.195	91	468346	51.012	ug/L	100
53) m,p-Xylene	10.299	106	185882	50.778	ug/L	97
54) o-Xylene	10.640	106	182185	51.607	ug/L	100
55) Styrene	10.653	104	312271	51.450	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	165638	52.041	ug/L	99
59) Bromoform	10.799	173	102069	51.644	ug/L	99
60) Isopropylbenzene	10.963	105	488561	51.893	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130040	52.883	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	401322	52.876	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	393173	51.464	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	239825	48.547	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	248367	48.975	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	238088	49.682	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	35022	49.801	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	182757	48.307	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	165842	46.258	ug/L	99
71) Naphthalene	13.774	128	489708	49.844	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	171808	48.863	ug/L	98

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

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