

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035182.D
 Acq On : 19 Apr 2023 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050631

Quant Time: Apr 20 02:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	498864	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	434026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	211031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	141042	43.847	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.700%
7) Chloroethane-d5	1.672	69	103711	44.620	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.240%
11) 1,1-Dichloroethene-d2	2.306	65	71207	46.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.520%
21) 2-Butanone-d5	4.465	46	213052	99.391	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.390%
24) Chloroform-d	5.056	84	295092	48.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.420%
26) 1,2-Dichloroethane-d4	5.958	65	183774	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	5.976	84	604767	48.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
36) 1,2-Dichloropropane-d6	7.305	67	186281	48.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	8.647	98	546554	47.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
43) trans-1,3-Dichloroprop...	8.951	79	77020	46.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.560%
47) 2-Hexanone-d5	9.384	63	153604	100.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.430%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	237133	50.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	12.323	152	195543	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	178192	47.660	ug/L	100
3) Chloromethane	1.294	50	166110	48.820	ug/L	99
5) Vinyl chloride	1.374	62	167379	47.403	ug/L	94
6) Bromomethane	1.617	94	77632	37.018	ug/L	100
8) Chloroethane	1.691	64	94440	47.957	ug/L	99
9) Trichlorofluoromethane	1.892	101	236143	49.387	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	153903	47.114	ug/L	99
12) 1,1-Dichloroethene	2.319	96	149904	50.297	ug/L	95
13) Acetone	2.392	43	147130	92.543	ug/L	99
14) Carbon disulfide	2.514	76	357062	48.490	ug/L	99
15) Methyl Acetate	2.703	43	173575	50.966	ug/L	100
16) Methylene chloride	2.788	84	165651	49.917	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	153186	49.914	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	536870	50.583	ug/L	99
19) 1,1-Dichloroethane	3.611	63	299339	50.598	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	180206	50.223	ug/L	98
22) 2-Butanone	4.568	43	236481	96.906	ug/L	98
23) Bromochloromethane	4.903	128	90387	50.860	ug/L	99
25) Chloroform	5.092	83	306473	51.094	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	245816	51.167	ug/L	99
29) Cyclohexane	5.470	56	251997	48.052	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	254582	50.012	ug/L	99
31) Carbon tetrachloride	5.678	117	217463	50.380	ug/L	99
33) Benzene	6.037	78	674069	51.284	ug/L	100
34) Trichloroethene	7.123	95	174643	49.949	ug/L	97
35) Methylcyclohexane	7.379	83	216038	45.880	ug/L	100
37) 1,2-Dichloropropane	7.427	63	178360	51.541	ug/L	99
38) Bromodichloromethane	7.824	83	211953	51.838	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	262428	50.717	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	469635	102.950	ug/L	100
42) Toluene	8.720	91	703421	51.582	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	234216	50.236	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	172357	52.487	ug/L	99
46) Tetrachloroethene	9.275	164	130463	50.092	ug/L	99
48) 2-Hexanone	9.433	43	351456	101.474	ug/L	98
49) Dibromochloromethane	9.518	129	164101	52.584	ug/L	99
50) 1,2-Dibromoethane	9.610	107	178614	52.274	ug/L	97
51) Chlorobenzene	10.079	112	460879	51.299	ug/L	100
52) Ethylbenzene	10.195	91	772221	51.226	ug/L	99
53) m,p-Xylene	10.299	106	297969	51.618	ug/L	96
54) o-Xylene	10.640	106	295640	52.092	ug/L	98
55) Styrene	10.652	104	500422	52.043	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	255669	52.830	ug/L	100
59) Bromoform	10.799	173	109794	50.542	ug/L	99
60) Isopropylbenzene	10.963	105	727863	50.724	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	199969	51.324	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	593907	50.610	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	593054	50.825	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	333488	50.957	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	332916	49.713	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	335291	50.527	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	48562	50.512	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	196225	48.500	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	186376	49.196	ug/L	99
71) Naphthalene	13.774	128	703763	52.152	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	189918	50.781	ug/L	99

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

