

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035154.D
 Acq On : 19 Apr 2023 03:38
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050629

Quant Time: Apr 19 04:01:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	482495	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	417140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	203014	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	155245	49.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.800%
7) Chloroethane-d5	1.673	69	115953	51.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.160%
11) 1,1-Dichloroethene-d2	2.307	65	75522	50.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.460%
21) 2-Butanone-d5	4.459	46	220294	106.255	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.260%
24) Chloroform-d	5.056	84	308278	52.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.240%
26) 1,2-Dichloroethane-d4	5.958	65	191592	50.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.840%
32) Benzene-d6	5.971	84	633377	52.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.720%
36) 1,2-Dichloropropane-d6	7.306	67	194237	53.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.140%
41) Toluene-d8	8.647	98	574598	52.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%
43) trans-1,3-Dichloroprop...	8.952	79	82573	51.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.240%
47) 2-Hexanone-d5	9.385	63	158583	107.888	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.890%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	240476	53.645	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	204531	51.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	179549	49.652	ug/L	99
3) Chloromethane	1.295	50	162903	49.501	ug/L	100
5) Vinyl chloride	1.374	62	169665	49.681	ug/L	97
6) Bromomethane	1.618	94	79134	39.015	ug/L	98
8) Chloroethane	1.691	64	97076	50.968	ug/L	100
9) Trichlorofluoromethane	1.892	101	232048	50.177	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	157590	49.880	ug/L	99
12) 1,1-Dichloroethene	2.319	96	144855	50.252	ug/L	89
13) Acetone	2.392	43	143202	93.128	ug/L	100
14) Carbon disulfide	2.514	76	360714	50.648	ug/L	100
15) Methyl Acetate	2.703	43	164245	49.863	ug/L	99
16) Methylene chloride	2.788	84	163778	51.027	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	149206	50.267	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	519743	50.631	ug/L	100
19) 1,1-Dichloroethane	3.611	63	289986	50.680	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	175067	50.446	ug/L	97
22) 2-Butanone	4.562	43	230997	97.870	ug/L	98
23) Bromochloromethane	4.904	128	87932	51.158	ug/L	96
25) Chloroform	5.093	83	294066	50.689	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	236641	50.928	ug/L	100
29) Cyclohexane	5.471	56	254983	50.590	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	249100	50.916	ug/L	99
31) Carbon tetrachloride	5.678	117	212200	51.151	ug/L	100
33) Benzene	6.038	78	654808	51.835	ug/L	100
34) Trichloroethene	7.123	95	168879	50.256	ug/L	99
35) Methylcyclohexane	7.379	83	226961	50.151	ug/L	100
37) 1,2-Dichloropropane	7.428	63	171859	51.673	ug/L	100
38) Bromodichloromethane	7.824	83	202238	51.464	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	252775	50.829	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	448028	102.189	ug/L	100
42) Toluene	8.720	91	678501	51.769	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	231341	51.628	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	163371	51.765	ug/L	99
46) Tetrachloroethene	9.275	164	126905	50.698	ug/L	99
48) 2-Hexanone	9.433	43	333509	100.190	ug/L	99
49) Dibromochloromethane	9.519	129	157221	52.419	ug/L	99
50) 1,2-Dibromoethane	9.610	107	171848	52.330	ug/L	99
51) Chlorobenzene	10.080	112	475359	55.052	ug/L	100
52) Ethylbenzene	10.195	91	749457	51.729	ug/L	100
53) m,p-Xylene	10.299	106	287633	51.845	ug/L	98
54) o-Xylene	10.640	106	283913	52.051	ug/L	98
55) Styrene	10.653	104	487933	52.798	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	242763	52.193	ug/L	100
59) Bromoform	10.799	173	106132	50.785	ug/L	99
60) Isopropylbenzene	10.964	105	707244	51.234	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	190165	50.735	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	580226	51.397	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	578422	51.528	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	325065	51.631	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	351707	54.593	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	368016	57.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47151	50.981	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	195073	50.119	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	222274	60.989	ug/L	99
71) Naphthalene	13.774	128	666308	51.326	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	189987	52.805	ug/L	99

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

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