

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042623\
 Data File : VX035325.D
 Acq On : 26 Apr 2023 19:49
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050638

Quant Time: Apr 27 04:44:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 25 03:03:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	401313	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	354870	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	183444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	117888	45.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.120%
7) Chloroethane-d5	1.672	69	89549	47.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.780%
11) 1,1-Dichloroethene-d2	2.306	65	62069	50.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.260%
21) 2-Butanone-d5	4.465	46	168914	97.954	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.950%
24) Chloroform-d	5.056	84	261352	53.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.260%
26) 1,2-Dichloroethane-d4	5.952	65	164242	52.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
32) Benzene-d6	5.977	84	537809	52.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.520%
36) 1,2-Dichloropropane-d6	7.312	67	163729	52.580	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.160%
41) Toluene-d8	8.647	98	499133	53.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.140%
43) trans-1,3-Dichloroprop...	8.952	79	75194	55.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.520%
47) 2-Hexanone-d5	9.384	63	125186	100.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.110%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	204182	53.541	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	189215	53.226	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	144877	48.169	ug/L	100
3) Chloromethane	1.294	50	113653	41.522	ug/L	99
5) Vinyl chloride	1.374	62	121143	42.649	ug/L	100
6) Bromomethane	1.618	94	77089	45.695	ug/L	97
8) Chloroethane	1.691	64	74159	46.812	ug/L	98
9) Trichlorofluoromethane	1.892	101	193746	50.370	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	136851	52.078	ug/L	97
12) 1,1-Dichloroethene	2.325	96	121136	50.524	ug/L	82
13) Acetone	2.398	43	108579	84.896	ug/L	97
14) Carbon disulfide	2.514	76	270573	45.677	ug/L	100
15) Methyl Acetate	2.709	43	130012	47.454	ug/L	98
16) Methylene chloride	2.788	84	134379	50.337	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	122642	49.675	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	450838	52.803	ug/L	99
19) 1,1-Dichloroethane	3.611	63	242794	51.016	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	147506	51.102	ug/L	99
22) 2-Butanone	4.568	43	178043	90.694	ug/L	96
23) Bromochloromethane	4.904	128	75194	52.596	ug/L	93
25) Chloroform	5.093	83	253481	52.532	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	194286	50.271	ug/L	99
29) Cyclohexane	5.471	56	218808	51.030	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	217461	52.249	ug/L	98
31) Carbon tetrachloride	5.678	117	180963	51.275	ug/L	99
33) Benzene	6.038	78	539588	50.209	ug/L	100
34) Trichloroethene	7.123	95	142895	49.985	ug/L	99
35) Methylcyclohexane	7.379	83	225633	58.607	ug/L	98
37) 1,2-Dichloropropane	7.428	63	144554	51.090	ug/L	99
38) Bromodichloromethane	7.824	83	171838	51.401	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	225938	53.405	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	360936	96.770	ug/L	98
42) Toluene	8.720	91	575922	51.653	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	203227	53.313	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	141953	52.871	ug/L	98
46) Tetrachloroethene	9.275	164	117578	55.214	ug/L	99
48) 2-Hexanone	9.433	43	266414	94.077	ug/L	97
49) Dibromochloromethane	9.519	129	134602	52.752	ug/L	99
50) 1,2-Dibromoethane	9.610	107	147992	52.973	ug/L	100
51) Chlorobenzene	10.079	112	378176	51.483	ug/L	99
52) Ethylbenzene	10.195	91	659104	53.475	ug/L	97
53) m,p-Xylene	10.299	106	253207	53.648	ug/L	97
54) o-Xylene	10.640	106	248599	53.574	ug/L	95
55) Styrene	10.653	104	420384	53.471	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	205358	51.899	ug/L	99
59) Bromoform	10.799	173	91766	48.595	ug/L	100
60) Isopropylbenzene	10.963	105	666022	53.395	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	161634	47.724	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	563212	55.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	555122	54.728	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	303685	53.381	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	305764	52.525	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	300183	52.040	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	39910	47.755	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	211039	60.005	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	199264	60.508	ug/L	99
71) Naphthalene	13.774	128	669995	57.116	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	196998	60.595	ug/L	99

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

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