

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122723\
 Data File : VX039485.D
 Acq On : 27 Dec 2023 08:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050717

Quant Time: Dec 28 04:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	173400	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	165010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	82445	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	45678	33.585	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.180%
7) Chloroethane-d5	1.666	69	39297	39.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.180%
11) 1,1-Dichloroethene-d2	2.306	65	23312	39.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.100%
21) 2-Butanone-d5	4.446	46	138851	112.784	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.780%
24) Chloroform-d	5.050	84	118583	49.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
26) 1,2-Dichloroethane-d4	5.952	65	79893	51.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
32) Benzene-d6	5.970	84	213060	41.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.680%
36) 1,2-Dichloropropane-d6	7.305	67	73931	45.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.220%
41) Toluene-d8	8.647	98	187993	40.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.480%
43) trans-1,3-Dichloroprop...	8.945	79	33419	40.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.140%
47) 2-Hexanone-d5	9.378	63	100559	102.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.730%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	121380	52.209	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	69827	44.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71407	51.638	ug/L	99
3) Chloromethane	1.294	50	74534	51.568	ug/L	98
5) Vinyl chloride	1.374	62	71454	50.160	ug/L	100
6) Bromomethane	1.605	94	40989	53.309	ug/L	99
8) Chloroethane	1.684	64	43417	53.911	ug/L	95
9) Trichlorofluoromethane	1.886	101	103591	56.110	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	67179	56.569	ug/L	98
12) 1,1-Dichloroethene	2.318	96	59465	53.233	ug/L	88
13) Acetone	2.373	43	93823	79.329	ug/L	95
14) Carbon disulfide	2.507	76	163490	45.993	ug/L	100
15) Methyl Acetate	2.696	43	99686	58.969	ug/L	97
16) Methylene chloride	2.788	84	68698	53.527	ug/L	89
17) trans-1,2-Dichloroethene	3.093	96	61378	52.149	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	228753	55.836	ug/L	98
19) 1,1-Dichloroethane	3.605	63	130408	56.036	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	73344	53.725	ug/L	99
22) 2-Butanone	4.544	43	142913	98.461	ug/L	98
23) Bromochloromethane	4.897	128	34649	53.992	ug/L	93
25) Chloroform	5.086	83	130941	56.410	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	109663	59.858	ug/L	95
29) Cyclohexane	5.470	56	116526	50.481	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	108357	54.122	ug/L	97
31) Carbon tetrachloride	5.672	117	88769	53.143	ug/L	100
33) Benzene	6.037	78	273731	52.200	ug/L	100
34) Trichloroethene	7.123	95	72342	52.201	ug/L	98
35) Methylcyclohexane	7.379	83	115697	50.128	ug/L	97
37) 1,2-Dichloropropane	7.427	63	77449	53.254	ug/L	100
38) Bromodichloromethane	7.818	83	96695	54.664	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	114635	49.422	ug/L	99
40) 4-Methyl-2-pentanone	8.567	43	274580	112.652	ug/L	97
42) Toluene	8.714	91	287564	51.713	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	105705	49.108	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	72408	54.329	ug/L	98
46) Tetrachloroethene	9.268	164	46280	50.624	ug/L	94
48) 2-Hexanone	9.427	43	216640	106.195	ug/L	97
49) Dibromochloromethane	9.518	129	68660	52.880	ug/L	100
50) 1,2-Dibromoethane	9.610	107	74934	52.480	ug/L	98
51) Chlorobenzene	10.079	112	178325	51.917	ug/L	99
52) Ethylbenzene	10.189	91	328289	52.808	ug/L	99
53) m,p-Xylene	10.299	106	120208	51.717	ug/L	99
54) o-Xylene	10.640	106	116085	52.049	ug/L	97
55) Styrene	10.652	104	200667	52.584	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	126613	54.435	ug/L	98
59) Bromoform	10.799	173	47613	49.139	ug/L	99
60) Isopropylbenzene	10.957	105	321613	53.386	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	100159	55.458	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	272806	53.638	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	268576	53.854	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	130849	50.746	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	130896	50.096	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	130298	52.826	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	30524	54.154	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	85692	50.252	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	78818	49.029	ug/L	98
71) Naphthalene	13.774	128	285204	51.731	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	78207	50.243	ug/L	98

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

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