

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020543.D
 Acq On : 08 Jan 2021 17:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050411

Quant Time: Jan 09 04:44:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 09 04:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	338451	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	332774	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	163325	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	130310	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.84%
7) Chloroethane-d5	1.691	69	102468	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.44%
11) 1,1-Dichloroethene-d2	2.343	63	249492	49.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.24%
21) 2-Butanone-d5	4.525	46	179112	107.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.50%
24) Chloroform-d	5.135	84	262204	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.08%
26) 1,2-Dichloroethane-d4	6.025	65	162637	52.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.98%
32) Benzene-d6	6.043	84	513835	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
36) 1,2-Dichloropropane-d6	7.366	67	160939	51.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.98%
41) Toluene-d8	8.695	98	441559	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%
43) trans-1,3-Dichloroprop...	8.988	79	72424	48.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.20%
47) 2-Hexanone-d5	9.427	63	145585	106.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.49%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	211194	49.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.24%
66) 1,2-Dichlorobenzene-d4	12.359	152	166590	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	162157	49.22	ug/L	99
3) Chloromethane	1.313	50	143991	48.56	ug/L	99
5) Vinyl chloride	1.392	62	154082	48.91	ug/L	99
6) Bromomethane	1.636	94	85484	53.65	ug/L	100
8) Chloroethane	1.715	64	90896	48.17	ug/L	99
9) Trichlorofluoromethane	1.916	101	200180	50.46	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	130085	52.74	ug/L	98
12) 1,1-Dichloroethene	2.355	96	122131	50.65	ug/L	99
13) Acetone	2.422	43	112770	82.58	ug/L	100
14) Carbon disulfide	2.550	76	370106	47.83	ug/L	99
15) Methyl Acetate	2.745	43	130258	47.91	ug/L	99
16) Methylene chloride	2.831	84	139487	48.38	ug/L	99
17) trans-1,2-Dichloroethene	3.142	96	127909	49.28	ug/L	96
18) Methyl tert-butyl Ether	3.160	73	391336	49.89	ug/L	100
19) 1,1-Dichloroethane	3.666	63	234064	49.85	ug/L	99
20) cis-1,2-Dichloroethene	4.556	96	139725	49.23	ug/L	100
22) 2-Butanone	4.629	43	181042	89.70	ug/L	96
23) Bromochloromethane	4.977	128	72679	49.52	ug/L	98
25) Chloroform	5.172	83	244388	47.68	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.159	62	187340	49.57	ug/L	100
29) Cyclohexane	5.544	56	206197	50.26	ug/L	100
30) 1,1,1-Trichloroethane	5.458	97	210449	49.48	ug/L	99
31) Carbon tetrachloride	5.751	117	179818	50.00	ug/L	99
33) Benzene	6.104	78	545072	49.56	ug/L	100
34) Trichloroethene	7.184	95	138817	49.56	ug/L	97
35) Methylcyclohexane	7.440	83	216839	51.50	ug/L	99
37) 1,2-Dichloropropane	7.482	63	137891	49.42	ug/L	100
38) Bromodichloromethane	7.872	83	177359	49.51	ug/L	99
39) cis-1,3-Dichloropropene	8.409	75	212101	50.55	ug/L	99
40) 4-Methyl-2-pentanone	8.616	43	329927	90.01	ug/L	99
42) Toluene	8.763	91	550275	47.76	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	191149	46.67	ug/L	99
45) 1,1,2-Trichloroethane	9.195	97	131105	47.48	ug/L	98
46) Tetrachloroethene	9.317	164	109281	50.33	ug/L	97
48) 2-Hexanone	9.470	43	279881	96.62	ug/L	98
49) Dibromochloromethane	9.561	129	138126	48.79	ug/L	97
50) 1,2-Dibromoethane	9.653	107	140607	49.16	ug/L	100
51) Chlorobenzene	10.122	112	357636	49.02	ug/L	97
52) Ethylbenzene	10.232	91	627344	50.92	ug/L	99
53) m,p-Xylene	10.342	106	235441	51.15	ug/L	95
54) o-Xylene	10.683	106	222898	49.90	ug/L	95
55) Styrene	10.695	104	385761	51.01	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.250	83	199502	45.53	ug/L	100
59) Bromoform	10.835	173	91990	45.09	ug/L	98
60) Isopropylbenzene	11.000	105	590337	51.26	ug/L	99
61) 1,2,3-Trichloropropane	11.274	75	165448	46.44	ug/L	99
62) 1,3,5-Trimethylbenzene	11.488	105	484312	51.57	ug/L	99
63) 1,2,4-Trimethylbenzene	11.792	105	485302	51.19	ug/L	99
64) 1,3-Dichlorobenzene	12.006	146	264475	49.23	ug/L	93
65) 1,4-Dichlorobenzene	12.079	146	262851	48.42	ug/L	98
67) 1,2-Dichlorobenzene	12.372	146	261509	48.82	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.981	75	42379	47.03	ug/L	97
69) 1,3,5-Trichlorobenzene	13.152	180	183209	49.67	ug/L	97
70) 1,2,4-trichlorobenzene	13.628	180	156985	49.44	ug/L	95
71) Naphthalene	13.817	128	547515	52.19	ug/L	100
72) 1,2,3-Trichlorobenzene	13.999	180	170391	52.16	ug/L	99

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

