

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022621\
 Data File : VX020930.D
 Acq On : 26 Feb 2021 16:43
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050440

Quant Time: Feb 27 02:45:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	303367	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	272393	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	124212	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	103771	50.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.82%
7) Chloroethane-d5	1.693	69	89777	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.346	63	199198	51.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.44%
21) 2-Butanone-d5	4.523	46	135476	108.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.91%
24) Chloroform-d	5.141	84	213074	55.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.62%
26) 1,2-Dichloroethane-d4	6.029	65	132048	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.20%
32) Benzene-d6	6.047	84	426985	52.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.96%
36) 1,2-Dichloropropane-d6	7.370	67	131608	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.92%
41) Toluene-d8	8.694	98	386102	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%
43) trans-1,3-Dichloroprop...	8.994	79	69940	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.08%
47) 2-Hexanone-d5	9.423	63	104948	104.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.11%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	163349	52.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.90%
66) 1,2-Dichlorobenzene-d4	12.359	152	132124	55.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.14%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.187	85	117608	51.51	ug/L	100
3) Chloromethane	1.311	50	106973	52.25	ug/L	98
5) Vinyl chloride	1.393	62	119970	49.63	ug/L	99
6) Bromomethane	1.634	94	60211	52.61	ug/L	98
8) Chloroethane	1.711	64	75711	50.08	ug/L	99
9) Trichlorofluoromethane	1.917	101	159863	50.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.370	101	104702	50.12	ug/L	98
12) 1,1-Dichloroethene	2.358	96	102198	50.30	ug/L	93
13) Acetone	2.417	43	85934	81.26	ug/L	99
14) Carbon disulfide	2.552	76	290349	49.27	ug/L	99
15) Methyl Acetate	2.746	43	93502	46.92	ug/L	98
16) Methylene chloride	2.834	84	114200	50.34	ug/L	97
17) trans-1,2-Dichloroethene	3.140	96	105712	48.54	ug/L	98
18) Methyl tert-butyl Ether	3.164	73	350718	49.13	ug/L	98
19) 1,1-Dichloroethane	3.670	63	190221	49.90	ug/L	100
20) cis-1,2-Dichloroethene	4.564	96	122244	50.31	ug/L	89
22) 2-Butanone	4.635	43	133607	89.01	ug/L	99
23) Bromochloromethane	4.982	128	60728	50.38	ug/L	92
25) Chloroform	5.170	83	198764	48.82	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.158	62	149387	49.91	ug/L	99
29) Cyclohexane	5.546	56	170149	49.29	ug/L	97
30) 1,1,1-Trichloroethane	5.458	97	172110	49.25	ug/L	98
31) Carbon tetrachloride	5.758	117	144148	49.76	ug/L	98
33) Benzene	6.111	78	446833	50.15	ug/L	100
34) Trichloroethene	7.188	95	119351	50.37	ug/L	98
35) Methylcyclohexane	7.441	83	181093	49.91	ug/L	95
37) 1,2-Dichloropropane	7.488	63	109986	49.28	ug/L	99
38) Bromodichloromethane	7.876	83	155371	50.16	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	184720	50.52	ug/L	97
40) 4-Methyl-2-pentanone	8.617	43	261762	95.86	ug/L	98
42) Toluene	8.765	91	480231	51.76	ug/L	95
44) trans-1,3-Dichloropropene	9.023	75	176664	50.59	ug/L	99
45) 1,1,2-Trichloroethane	9.194	97	112351	50.66	ug/L	97
46) Tetrachloroethene	9.318	164	87068	51.40	ug/L	94
48) 2-Hexanone	9.470	43	194565	93.44	ug/L	98
49) Dibromochloromethane	9.565	129	120784	51.57	ug/L	97
50) 1,2-Dibromoethane	9.653	107	114561	49.65	ug/L	98
51) Chlorobenzene	10.118	112	300506	51.24	ug/L	99
52) Ethylbenzene	10.235	91	519032	50.90	ug/L	99
53) m,p-Xylene	10.341	106	195216	50.76	ug/L	95
54) o-Xylene	10.682	106	192054	51.24	ug/L	91
55) Styrene	10.694	104	335826	51.53	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.253	83	150564	47.35	ug/L	97
59) Bromoform	10.835	173	80012	51.04	ug/L	99
60) Isopropylbenzene	11.000	105	508758	53.41	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	125882	50.49	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	412263	52.88	ug/L	98
63) 1,2,4-Trimethylbenzene	11.788	105	417438	53.19	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	209266	51.36	ug/L	94
65) 1,4-Dichlorobenzene	12.083	146	208452	51.08	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	205105	50.98	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.983	75	33782	49.23	ug/L	85
69) 1,3,5-Trichlorobenzene	13.153	180	146430	52.80	ug/L	98
70) 1,2,4-trichlorobenzene	13.624	180	132002	53.83	ug/L	99
71) Naphthalene	13.818	128	469885	52.87	ug/L	100
72) 1,2,3-Trichlorobenzene	14.000	180	141122	56.61	ug/L	99

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

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