

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV029981.D
 Acq On : 30 Jan 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050281

Quant Time: Jan 31 02:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 19 00:40:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	508042	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.838	117	485450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	296110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	205202	57.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.940%
7) Chloroethane-d5	1.561	69	179773	60.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	120.740%
11) 1,1-Dichloroethene-d2	2.102	63	351705	55.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.820%
21) 2-Butanone-d5	3.857	46	248373	120.405	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.400%
24) Chloroform-d	4.330	84	345415	52.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.960%
26) 1,2-Dichloroethane-d4	5.015	65	199710	54.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.400%
32) Benzene-d6	5.034	84	727496	56.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.020%
36) 1,2-Dichloropropane-d6	6.053	67	233788	58.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.960%
41) Toluene-d8	7.301	98	650952	54.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.380%
43) trans-1,3-Dichloroprop...	7.606	79	103412	58.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.480%
47) 2-Hexanone-d5	8.076	63	200526	116.655	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.650%
56) 1,1,2,2-Tetrachloroeth...	10.201	84	330787	53.468	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.940%
66) 1,2-Dichlorobenzene-d4	11.609	152	265767	50.372	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	185285	50.944	ug/L	99
3) Chloromethane	1.237	50	244362	65.996	ug/L	99
5) Vinyl chloride	1.307	62	238984	56.084	ug/L	99
6) Bromomethane	1.513	94	75715	41.863	ug/L	99
8) Chloroethane	1.577	64	148730	54.611	ug/L	97
9) Trichlorofluoromethane	1.748	101	259387	45.131	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	159126	45.009	ug/L	96
12) 1,1-Dichloroethene	2.111	96	156937	46.011	ug/L	86
13) Acetone	2.153	43	213253	85.605	ug/L	96
14) Carbon disulfide	2.288	76	510560	58.645	ug/L	100
15) Methyl Acetate	2.417	43	177066	54.949	ug/L	94
16) Methylene chloride	2.497	84	186291	45.778	ug/L	91
17) trans-1,2-Dichloroethene	2.748	96	170657	47.711	ug/L	93
18) Methyl tert-butyl Ether	2.757	73	505443	45.195	ug/L	98
19) 1,1-Dichloroethane	3.175	63	318282	48.948	ug/L	99
20) cis-1,2-Dichloroethene	3.892	96	184033	45.962	ug/L	94
22) 2-Butanone	3.941	43	264054	102.474	ug/L	96
23) Bromochloromethane	4.230	128	94884	45.273	ug/L	89
25) Chloroform	4.355	83	305456	45.219	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.114	62	218632	46.876	ug/L	100
29) Cyclohexane	4.661	56	282208	55.414	ug/L	94
30) 1,1,1-Trichloroethane	4.590	97	250749	44.465	ug/L	97
31) Carbon tetrachloride	4.812	117	212142	44.355	ug/L	99
33) Benzene	5.085	78	721379	49.443	ug/L	100
34) Trichloroethene	5.899	95	169873	46.246	ug/L	95
35) Methylcyclohexane	6.117	83	295192	49.747	ug/L	94
37) 1,2-Dichloropropane	6.159	63	188548	49.738	ug/L	99
38) Bromodichloromethane	6.494	83	232236	47.160	ug/L	98
39) cis-1,3-Dichloropropene	7.011	75	275847	51.489	ug/L	99
40) 4-Methyl-2-pentanone	7.214	43	461612	110.051	ug/L	94
42) Toluene	7.375	91	753015	48.336	ug/L	99
44) trans-1,3-Dichloropropene	7.635	75	262448	52.366	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	172441	44.970	ug/L	98
46) Tetrachloroethene	7.963	164	135286	44.648	ug/L	99
48) 2-Hexanone	8.127	43	390782	113.596	ug/L	93
49) Dibromochloromethane	8.233	129	179445	44.959	ug/L	98
50) 1,2-Dibromoethane	8.336	107	176704	46.017	ug/L	100
51) Chlorobenzene	8.867	112	472367	44.123	ug/L	98
52) Ethylbenzene	8.998	91	775669	45.556	ug/L	100
53) m,p-Xylene	9.124	106	302830	44.790	ug/L	99
54) o-Xylene	9.529	106	294011	44.915	ug/L	96
55) Styrene	9.548	104	536894	45.479	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.227	83	295410	45.872	ug/L	99
59) Bromoform	9.719	173	131471	44.766	ug/L	99
60) Isopropylbenzene	9.918	105	774416	43.842	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	220805	45.788	ug/L	97
62) 1,3,5-Trimethylbenzene	10.526	105	661823	44.624	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	669333	45.280	ug/L	100
64) 1,3-Dichlorobenzene	11.165	146	388618	43.548	ug/L	100
65) 1,4-Dichlorobenzene	11.259	146	398524	43.105	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	394900	43.957	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	60721	47.122	ug/L	97
69) 1,3,5-Trichlorobenzene	12.628	180	305741	44.008	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	274578	44.777	ug/L	99
71) Naphthalene	13.487	128	773794	46.918	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	270032	45.186	ug/L	99

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

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