

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VV032877.D
 Acq On : 10 Nov 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050322

Quant Time: Nov 10 22:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	382705	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	414620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	234617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	173171	47.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.140%
7) Chloroethane-d5	1.532	69	145696	47.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	2.060	65	74083	49.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.540%
21) 2-Butanone-d5	3.783	46	147119	93.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	4.249	84	301477	51.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.780%
26) 1,2-Dichloroethane-d4	4.940	65	188153	52.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.200%
32) Benzene-d6	4.960	84	580025	54.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.820%
36) 1,2-Dichloropropane-d6	5.989	67	173090	53.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.880%
41) Toluene-d8	7.243	98	593206	56.512	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.020%
43) trans-1,3-Dichloroprop...	7.551	79	91177	54.055	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.100%
47) 2-Hexanone-d5	8.024	63	117658	99.510	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.510%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	245726	49.998	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	239160	52.897	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	128172	38.062	ug/L	99
3) Chloromethane	1.217	50	120777	37.073	ug/L	100
5) Vinyl chloride	1.285	62	135798	39.092	ug/L	100
6) Bromomethane	1.487	94	96540	39.829	ug/L	100
8) Chloroethane	1.548	64	95049	40.644	ug/L	100
9) Trichlorofluoromethane	1.716	101	237918	42.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	152496	45.527	ug/L	99
12) 1,1-Dichloroethene	2.072	96	123267	43.065	ug/L	88
13) Acetone	2.111	43	162735	61.577	ug/L	97
14) Carbon disulfide	2.243	76	262465	38.412	ug/L	99
15) Methyl Acetate	2.371	43	113542	42.373	ug/L	100
16) Methylene chloride	2.449	84	136772	36.024	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	120613	44.148	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	387286	48.002	ug/L	99
19) 1,1-Dichloroethane	3.111	63	230083	44.192	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	142227	47.138	ug/L	98
22) 2-Butanone	3.863	43	163497	72.950	ug/L	99
23) Bromochloromethane	4.146	128	77556	46.053	ug/L	98
25) Chloroform	4.275	83	272774	45.967	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	213189	49.851	ug/L	99
29) Cyclohexane	4.584	56	165370	44.379	ug/L #	93
30) 1,1,1-Trichloroethane	4.513	97	232175	46.739	ug/L	99
31) Carbon tetrachloride	4.735	117	201335	45.866	ug/L	98
33) Benzene	5.008	78	516351	46.965	ug/L	100
34) Trichloroethene	5.831	95	153015	49.997	ug/L	97
35) Methylcyclohexane	6.050	83	222302	46.421	ug/L	98
37) 1,2-Dichloropropane	6.092	63	144727	49.591	ug/L	100
38) Bromodichloromethane	6.432	83	213806	46.699	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	219851	50.215	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	327135	94.585	ug/L	98
42) Toluene	7.317	91	620161	49.532	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	224104	49.834	ug/L	95
45) 1,1,2-Trichloroethane	7.767	97	158638	47.391	ug/L	99
46) Tetrachloroethene	7.905	164	126657	45.866	ug/L	99
48) 2-Hexanone	8.075	43	254530	82.023	ug/L	97
49) Dibromochloromethane	8.178	129	170860	48.822	ug/L	98
50) 1,2-Dibromoethane	8.281	107	165634	48.569	ug/L	99
51) Chlorobenzene	8.815	112	423186	47.742	ug/L	99
52) Ethylbenzene	8.947	91	687835	49.802	ug/L	99
53) m,p-Xylene	9.072	106	264924	50.400	ug/L	99
54) o-Xylene	9.480	106	257856	50.636	ug/L	99
55) Styrene	9.497	104	469752	52.933	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	230755	46.027	ug/L	98
59) Bromoform	9.667	173	124435	47.305	ug/L	99
60) Isopropylbenzene	9.870	105	720849	50.663	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	174167	44.443	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	582141	51.994	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	565623	52.811	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	370388	49.969	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	385395	49.277	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	370951	49.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	43309	42.464	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	273343	51.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	244197	52.768	ug/L	99
71) Naphthalene	13.442	128	645732	55.877	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	250285	54.169	ug/L	99

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

