

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
 Data File : VW031205.D
 Acq On : 24 May 2023 10:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: May 25 01:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	168976	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	172553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108390	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61979	42.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.840%
7) Chloroethane-d5	1.536	69	58621	52.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.063	65	33791	49.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.800%
21) 2-Butanone-d5	3.802	46	79942	103.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.890%
24) Chloroform-d	4.256	84	133596	52.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.580%
26) 1,2-Dichloroethane-d4	4.947	65	95169	55.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.260%
32) Benzene-d6	4.966	84	231915	49.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.160%
36) 1,2-Dichloropropane-d6	5.995	67	66704	47.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	7.249	98	229973	52.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.360%
43) trans-1,3-Dichloroprop...	7.558	79	36262	51.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.280%
47) 2-Hexanone-d5	8.030	63	52998	97.117	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	105109	50.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.567	152	98592	50.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	59779	54.798	ug/L	97
3) Chloromethane	1.217	50	56424	47.244	ug/L	98
5) Vinyl chloride	1.288	62	54663	51.243	ug/L	99
6) Bromomethane	1.494	94	27673	46.289	ug/L	93
8) Chloroethane	1.555	64	41449	60.299	ug/L	99
9) Trichlorofluoromethane	1.716	101	122788	58.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	61830	55.881	ug/L	98
12) 1,1-Dichloroethene	2.073	96	51804	55.191	ug/L	89
13) Acetone	2.130	43	105686	105.646	ug/L	98
14) Carbon disulfide	2.246	76	87311	51.044	ug/L	99
15) Methyl Acetate	2.381	43	63385	55.750	ug/L	99
16) Methylene chloride	2.455	84	54008	51.684	ug/L	95
17) trans-1,2-Dichloroethene	2.700	96	45639	52.590	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	197227	58.831	ug/L	99
19) 1,1-Dichloroethane	3.118	63	105858	53.524	ug/L	100
20) cis-1,2-Dichloroethene	3.822	96	58405	54.593	ug/L	99
22) 2-Butanone	3.880	43	103020	107.389	ug/L	97
23) Bromochloromethane	4.156	128	34032	57.888	ug/L	97
25) Chloroform	4.285	83	127176	57.563	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052423\
 Data File : VW031205.D
 Acq On : 24 May 2023 10:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: May 25 01:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 24 01:27:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	114590	61.130	ug/L	96
29) Cyclohexane	4.593	56	68299	50.301	ug/L	96
30) 1,1,1-Trichloroethane	4.519	97	117472	55.479	ug/L	99
31) Carbon tetrachloride	4.744	117	105372	57.123	ug/L	99
33) Benzene	5.018	78	227003	54.913	ug/L	100
34) Trichloroethene	5.838	95	56681	51.172	ug/L	95
35) Methylcyclohexane	6.056	83	79829	54.312	ug/L	99
37) 1,2-Dichloropropane	6.098	63	60937	53.557	ug/L	98
38) Bromodichloromethane	6.439	83	97868	55.488	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	93728	53.421	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	197534	112.823	ug/L	99
42) Toluene	7.320	91	260203	58.178	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	103581	58.359	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	68442	55.125	ug/L	97
46) Tetrachloroethene	7.912	164	52882	55.599	ug/L	92
48) 2-Hexanone	8.082	43	167994	115.200	ug/L	98
49) Dibromochloromethane	8.182	129	78182	55.811	ug/L	100
50) 1,2-Dibromoethane	8.288	107	66952	54.238	ug/L	99
51) Chlorobenzene	8.818	112	174780	54.904	ug/L	99
52) Ethylbenzene	8.953	91	293152	57.248	ug/L	99
53) m,p-Xylene	9.079	106	112610	56.691	ug/L	97
54) o-Xylene	9.484	106	111296	56.797	ug/L	99
55) Styrene	9.500	104	208036	60.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	113218	55.499	ug/L	99
59) Bromoform	9.670	173	65473	52.095	ug/L	99
60) Isopropylbenzene	9.873	105	316746	54.641	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	87927	52.731	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	257001	53.936	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	257403	55.248	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	165228	55.628	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	170337	55.124	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	169455	56.226	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	25829	50.461	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	127467	55.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	103859	53.150	ug/L	98
71) Naphthalene	13.445	128	252616	49.770	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	104389	53.459	ug/L	99

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

Quant Time: May 25 01:09:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 24 01:27:41 2023
Response via : Initial Calibration

