

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031287.D
 Acq On : 31 May 2023 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050357

Quant Time: Jun 01 01:53:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 27 00:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	295623	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	291133	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	163524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	99470	39.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.740%
7) Chloroethane-d5	1.532	69	90702	46.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.060	65	47322	39.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.880%
21) 2-Butanone-d5	3.796	46	161516	119.978	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.980%
24) Chloroform-d	4.256	84	200787	44.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	4.947	65	132733	43.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
32) Benzene-d6	4.966	84	357304	45.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	5.995	67	127544	54.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.020%
41) Toluene-d8	7.249	98	335879	45.598	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.558	79	59331	50.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
47) 2-Hexanone-d5	8.034	63	106595	115.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.770%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	187000	52.797	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	126509	43.052	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	80334	42.093	ug/L	99
3) Chloromethane	1.217	50	86542	41.419	ug/L	100
5) Vinyl chloride	1.285	62	91136	48.834	ug/L	97
6) Bromomethane	1.487	94	57273	54.760	ug/L	97
8) Chloroethane	1.548	64	65854	54.761	ug/L	98
9) Trichlorofluoromethane	1.716	101	159540	43.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	97050	50.136	ug/L	93
12) 1,1-Dichloroethene	2.073	96	72673	44.255	ug/L	99
13) Acetone	2.121	43	161726	92.407	ug/L	94
14) Carbon disulfide	2.243	76	146346	48.904	ug/L	98
15) Methyl Acetate	2.378	43	127275	63.986	ug/L	94
16) Methylene chloride	2.449	84	94108	51.477	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	68852	45.349	ug/L	92
18) Methyl tert-butyl Ether	2.709	73	293126	49.978	ug/L	93
19) 1,1-Dichloroethane	3.117	63	188595	54.506	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	87179	46.579	ug/L	88
22) 2-Butanone	3.876	43	187340	111.623	ug/L	96
23) Bromochloromethane	4.153	128	48049	46.717	ug/L	# 77
25) Chloroform	4.281	83	196568	50.855	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053123\
 Data File : VW031287.D
 Acq On : 31 May 2023 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050357

Quant Time: Jun 01 01:53:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 27 00:51:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	150121	45.775	ug/L	99
29) Cyclohexane	4.590	56	118240	51.612	ug/L	87
30) 1,1,1-Trichloroethane	4.519	97	163254	45.697	ug/L	98
31) Carbon tetrachloride	4.741	117	138966	44.651	ug/L	96
33) Benzene	5.015	78	352614	50.556	ug/L	100
34) Trichloroethene	5.838	95	96847	51.822	ug/L	94
35) Methylcyclohexane	6.056	83	124112	50.047	ug/L	91
37) 1,2-Dichloropropane	6.098	63	111350	58.004	ug/L #	96
38) Bromodichloromethane	6.439	83	153801	51.683	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	151892	51.311	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	346674	117.356	ug/L	96
42) Toluene	7.320	91	386774	51.255	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	162882	54.391	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	109829	52.429	ug/L	94
46) Tetrachloroethene	7.912	164	66999	41.750	ug/L	93
48) 2-Hexanone	8.082	43	291595	118.514	ug/L	97
49) Dibromochloromethane	8.182	129	113233	47.909	ug/L	99
50) 1,2-Dibromoethane	8.288	107	108738	52.210	ug/L #	98
51) Chlorobenzene	8.821	112	245406	45.691	ug/L	92
52) Ethylbenzene	8.953	91	425917	49.297	ug/L	97
53) m,p-Xylene	9.079	106	152459	45.491	ug/L	91
54) o-Xylene	9.487	106	147832	44.714	ug/L	89
55) Styrene	9.503	104	282032	48.233	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.185	83	187314	54.421	ug/L	98
59) Bromoform	9.670	173	83073	43.812	ug/L	99
60) Isopropylbenzene	9.873	105	424126	48.496	ug/L	97
61) 1,2,3-Trichloropropane	10.217	75	153050	60.839	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	345523	48.065	ug/L	92
63) 1,2,4-Trimethylbenzene	10.860	105	349901	49.781	ug/L	93
64) 1,3-Dichlorobenzene	11.124	146	206493	46.081	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	217067	46.562	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	211893	46.602	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	41686	53.982	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.590	180	148452	42.855	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	125606	42.607	ug/L	95
71) Naphthalene	13.448	128	374478	48.903	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	139511	47.357	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
Data File : VV031287.D
Acq On : 31 May 2023 10:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050357

Quant Time: Jun 01 01:53:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 27 00:51:17 2023
Response via : Initial Calibration

