

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081523\
 Data File : VW031814.D
 Acq On : 15 Aug 2023 18:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Aug 16 02:14:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 16 02:07:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	353805	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	391877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	249420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121652	33.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.460%
7) Chloroethane-d5	1.529	69	130788	39.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.140%
11) 1,1-Dichloroethene-d2	2.060	65	55327	33.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.280%
21) 2-Butanone-d5	3.790	46	273485	109.579	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.580%
24) Chloroform-d	4.256	84	358609	48.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	4.947	65	222174	48.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	4.966	84	544675	43.893	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.780%
36) 1,2-Dichloropropane-d6	5.995	67	207052	44.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	7.249	98	491141	47.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	7.558	79	87394	43.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.240%
47) 2-Hexanone-d5	8.031	63	199632	114.207	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.210%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	330705	51.492	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.980%
66) 1,2-Dichlorobenzene-d4	11.564	152	224228	44.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	210005	48.028	ug/L	98
3) Chloromethane	1.217	50	210863	50.704	ug/L	98
5) Vinyl chloride	1.282	62	214046	50.810	ug/L	98
6) Bromomethane	1.481	94	139840	48.162	ug/L	100
8) Chloroethane	1.548	64	143317	50.973	ug/L	98
9) Trichlorofluoromethane	1.712	101	350631	49.374	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	194680	47.456	ug/L	98
12) 1,1-Dichloroethene	2.069	96	163768	48.033	ug/L	90
13) Acetone	2.114	43	179590	75.177	ug/L	99
14) Carbon disulfide	2.240	76	392102	46.784	ug/L	99
15) Methyl Acetate	2.375	43	217985	52.400	ug/L	98
16) Methylene chloride	2.449	84	208755	54.499	ug/L	98
17) trans-1,2-Dichloroethene	2.696	96	153416	50.583	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	525812	52.699	ug/L	100
19) 1,1-Dichloroethane	3.114	63	355991	50.705	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	176256	51.459	ug/L	97
22) 2-Butanone	3.873	43	277781	102.232	ug/L	97
23) Bromochloromethane	4.153	128	101866	53.713	ug/L	98
25) Chloroform	4.281	83	388829	52.284	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081523\
 Data File : VW031814.D
 Acq On : 15 Aug 2023 18:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Aug 16 02:14:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 16 02:07:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	287843	52.041	ug/L	100
29) Cyclohexane	4.590	56	224162	46.456	ug/L	97
30) 1,1,1-Trichloroethane	4.516	97	333286	49.511	ug/L	99
31) Carbon tetrachloride	4.741	117	293196	49.883	ug/L	98
33) Benzene	5.015	78	714506	51.837	ug/L	100
34) Trichloroethene	5.838	95	207561	47.720	ug/L	96
35) Methylcyclohexane	6.056	83	232700	48.098	ug/L	98
37) 1,2-Dichloropropane	6.098	63	219453	53.596	ug/L	98
38) Bromodichloromethane	6.439	83	289542	49.573	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	281713	48.464	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	573102	109.897	ug/L	98
42) Toluene	7.320	91	777116	54.896	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	294173	50.712	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	217448	52.630	ug/L	97
46) Tetrachloroethene	7.912	164	142694	51.921	ug/L	97
48) 2-Hexanone	8.079	43	473540	113.842	ug/L	98
49) Dibromochloromethane	8.182	129	227803	52.250	ug/L	100
50) 1,2-Dibromoethane	8.288	107	225673	51.847	ug/L	98
51) Chlorobenzene	8.818	112	482338	50.994	ug/L	100
52) Ethylbenzene	8.953	91	795202	51.836	ug/L	100
53) m,p-Xylene	9.079	106	297923	53.853	ug/L	94
54) o-Xylene	9.484	106	282557	53.291	ug/L	95
55) Styrene	9.500	104	558384	57.651	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	303137	52.912	ug/L	98
59) Bromoform	9.670	173	162941	47.646	ug/L #	95
60) Isopropylbenzene	9.873	105	783005	50.302	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	283248	48.415	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	613459	48.707	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	639970	50.194	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	407934	50.133	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	433499	50.116	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	421688	50.332	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	75360	46.313	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	276741	46.631	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	237840	44.796	ug/L	99
71) Naphthalene	13.445	128	723147	47.250	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	274266	49.417	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081523\
Data File : VV031814.D
Acq On : 15 Aug 2023 18:17
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD050397

Quant Time: Aug 16 02:14:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 16 02:07:29 2023
Response via : Initial Calibration

