

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030653.D
 Acq On : 17 Aug 2022 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050787

Quant Time: Aug 18 04:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	321244	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	293317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	107116	51.923	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 103.840%		
7) Chloroethane-d5	1.666	69	81237	55.860	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 111.720%		
11) 1,1-Dichloroethene-d2	2.306	63	219622	56.280	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 112.560%		
21) 2-Butanone-d5	4.458	46	197107	103.119	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 103.120%		
24) Chloroform-d	5.062	84	231998	54.630	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.260%		
26) 1,2-Dichloroethane-d4	5.958	65	146308	50.739	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 101.480%		
32) Benzene-d6	5.976	84	454892	54.141	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.280%		
36) 1,2-Dichloropropane-d6	7.312	67	150803	55.321	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.640%		
41) Toluene-d8	8.653	98	420836	53.137	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 106.280%		
43) trans-1,3-Dichloroprop...	8.951	79	70821	52.223	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.440%		
47) 2-Hexanone-d5	9.384	63	145065	104.403	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 104.400%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	198004	55.292	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 110.580%		
66) 1,2-Dichlorobenzene-d4	12.323	152	151867	52.217	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 104.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	108650	44.947	ug/L	99
3) Chloromethane	1.294	50	98521	47.399	ug/L	99
5) Vinyl chloride	1.374	62	111484	50.214	ug/L	94
6) Bromomethane	1.611	94	48567	46.550	ug/L	99
8) Chloroethane	1.684	64	65813	52.041	ug/L	99
9) Trichlorofluoromethane	1.886	101	163342	49.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	116252	59.566	ug/L	97
12) 1,1-Dichloroethene	2.318	96	101743	56.586	ug/L	82
13) Acetone	2.392	43	142068	101.412	ug/L	95
14) Carbon disulfide	2.514	76	254076	43.598	ug/L	99
15) Methyl Acetate	2.709	43	143168	49.374	ug/L	98
16) Methylene chloride	2.788	84	119846	52.566	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	107766	51.734	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	376008	53.079	ug/L	96
19) 1,1-Dichloroethane	3.611	63	219543	54.492	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	129125	55.105	ug/L	89
22) 2-Butanone	4.568	43	213877	96.779	ug/L	94
23) Bromochloromethane	4.910	128	61894	52.671	ug/L	99
25) Chloroform	5.092	83	231160	54.608	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030653.D
 Acq On : 17 Aug 2022 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050787

Quant Time: Aug 18 04:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	172021	48.825	ug/L	99
29) Cyclohexane	5.470	56	190867	48.948	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	194646	50.309	ug/L	98
31) Carbon tetrachloride	5.684	117	160775	50.348	ug/L	99
33) Benzene	6.043	78	489158	52.014	ug/L	100
34) Trichloroethene	7.129	95	130522	47.920	ug/L	83
35) Methylcyclohexane	7.385	83	193079	48.693	ug/L	99
37) 1,2-Dichloropropane	7.433	63	135193	54.067	ug/L	100
38) Bromodichloromethane	7.824	83	172999	52.276	ug/L	92
39) cis-1,3-Dichloropropene	8.366	75	199780	53.559	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	414132	95.106	ug/L	96
42) Toluene	8.720	91	519334	52.275	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	194768	53.349	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	129499	55.697	ug/L	97
46) Tetrachloroethene	9.275	164	85482	49.659	ug/L	99
48) 2-Hexanone	9.433	43	322344	95.276	ug/L	96
49) Dibromochloromethane	9.525	129	131485	53.155	ug/L	99
50) 1,2-Dibromoethane	9.610	107	132327	51.753	ug/L	99
51) Chlorobenzene	10.079	112	329583	53.250	ug/L	99
52) Ethylbenzene	10.195	91	575631	53.140	ug/L	100
53) m,p-Xylene	10.305	106	216840	53.706	ug/L	97
54) o-Xylene	10.646	106	212940	52.927	ug/L	99
55) Styrene	10.658	104	379004	55.947	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	200954	56.802	ug/L	98
59) Bromoform	10.799	173	85362	52.277	ug/L	99
60) Isopropylbenzene	10.963	105	569822	53.612	ug/L	98
61) 1,2,3-Trichloropropane	11.244	75	168602	52.358	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	495112	54.563	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	485125	52.939	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	246533	53.358	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	247024	52.593	ug/L	92
67) 1,2-Dichlorobenzene	12.335	146	249267	52.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	47620	44.830	ug/L	94
69) 1,3,5-Trichlorobenzene	13.115	180	166376	51.348	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	149943	52.693	ug/L	97
71) Naphthalene	13.780	128	591535	50.219	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156045	51.914	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081722\
 Data File : VX030653.D
 Acq On : 17 Aug 2022 11:45
 Operator : JC/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050787

Quant Time: Aug 18 04:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 17 02:19:30 2022
 Response via : Initial Calibration

