

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110922\
 Data File : VV028853.D
 Acq On : 09 Nov 2022 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372

Quant Time: Nov 10 00:38:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 04 04:43:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	417275	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	391485	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	202845	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	192089	48.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.120%
7) Chloroethane-d5	1.561	69	167865	49.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.280%
11) 1,1-Dichloroethene-d2	2.105	63	377665	50.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.380%
21) 2-Butanone-d5	3.860	46	250223	86.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.900%
24) Chloroform-d	4.336	84	311801	52.263	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.520%
26) 1,2-Dichloroethane-d4	5.021	65	203233	51.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.020%
32) Benzene-d6	5.040	84	634852	51.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.900%
36) 1,2-Dichloropropane-d6	6.060	67	212796	50.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.440%
41) Toluene-d8	7.307	98	564882	52.577	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.160%
43) trans-1,3-Dichloroprop...	7.613	79	89111	55.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.600%
47) 2-Hexanone-d5	8.079	63	165956	87.525	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.530%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	269012	48.622	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	11.616	152	200966	50.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	144119	46.963	ug/L	99
3) Chloromethane	1.240	50	224146	43.888	ug/L	99
5) Vinyl chloride	1.311	62	220186	46.935	ug/L	99
6) Bromomethane	1.516	94	120189	46.432	ug/L	95
8) Chloroethane	1.581	64	146798	48.729	ug/L	100
9) Trichlorofluoromethane	1.748	101	281978	50.543	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	162782	51.497	ug/L	99
12) 1,1-Dichloroethene	2.114	96	154157	49.532	ug/L	98
13) Acetone	2.153	43	287611	103.161	ug/L	98
14) Carbon disulfide	2.291	76	449335	51.759	ug/L	99
15) Methyl Acetate	2.420	43	199892	42.719	ug/L	97
16) Methylene chloride	2.500	84	172477	45.675	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	151873	50.450	ug/L	99
18) Methyl tert-butyl Ether	2.757	73	519328	49.939	ug/L	99
19) 1,1-Dichloroethane	3.179	63	323610	49.336	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	166809	50.220	ug/L	100
22) 2-Butanone	3.941	43	322574	94.181	ug/L	94
23) Bromochloromethane	4.236	128	79971	50.584	ug/L	97
25) Chloroform	4.362	83	307770	50.511	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110922\
 Data File : VW028853.D
 Acq On : 09 Nov 2022 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050372

Quant Time: Nov 10 00:38:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 04 04:43:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	246580	49.554	ug/L	98
29) Cyclohexane	4.667	56	299019	47.869	ug/L	98
30) 1,1,1-Trichloroethane	4.597	97	254142	51.501	ug/L	99
31) Carbon tetrachloride	4.818	117	211352	53.607	ug/L	99
33) Benzene	5.088	78	695140	50.437	ug/L	100
34) Trichloroethene	5.905	95	160899	49.921	ug/L	98
35) Methylcyclohexane	6.124	83	289653	50.669	ug/L	98
37) 1,2-Dichloropropane	6.162	63	194142	50.911	ug/L	100
38) Bromodichloromethane	6.500	83	236813	54.664	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	280452	53.852	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	545585	86.028	ug/L	98
42) Toluene	7.378	91	712577	50.708	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	262685	54.546	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	164302	50.222	ug/L	99
46) Tetrachloroethene	7.966	164	118181	52.905	ug/L	97
48) 2-Hexanone	8.130	43	447484	92.646	ug/L	98
49) Dibromochloromethane	8.236	129	167689	55.373	ug/L	100
50) 1,2-Dibromoethane	8.342	107	164920	50.032	ug/L	99
51) Chlorobenzene	8.873	112	428881	49.841	ug/L	99
52) Ethylbenzene	9.005	91	781818	51.717	ug/L	100
53) m,p-Xylene	9.130	106	285155	51.718	ug/L	97
54) o-Xylene	9.535	106	283151	51.439	ug/L	99
55) Styrene	9.551	104	501884	53.167	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	279008	48.321	ug/L	100
59) Bromoform	9.722	173	115860	57.541	ug/L	100
60) Isopropylbenzene	9.921	105	761986	49.438	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	213235	44.241	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	635984	49.426	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	634971	49.603	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	326247	50.176	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	332011	50.116	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	329062	49.749	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	54417	44.316	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	238286	51.106	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	196146	49.159	ug/L	99
71) Naphthalene	13.490	128	513556	39.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	195948	48.519	ug/L	99

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

Quant Time: Nov 10 00:38:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 04 04:43:26 2022
Response via : Initial Calibration

