

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031231.D
 Acq On : 25 May 2023 13:33
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005241

Quant Time: May 26 06:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	79759	4.879	ug/L	0.00
7) Chloroethane-d5	1.535	69	65369	5.126	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	35007	5.181	ug/L	0.00
20) 2-Butanone-d5	3.812	46	176983	50.106	ug/L	0.00
24) Chloroform-d	4.259	84	161741	4.990	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	83599	5.220	ug/L	0.00
32) Benzene-d6	4.966	84	288835	5.221	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	96887	5.234	ug/L	0.00
41) Toluene-d8	7.249	98	271111	5.608	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	31568	5.304	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	120462	50.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	63831	4.886	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	81472	4.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	83987	5.292	ug/L	100
3) Chloromethane	1.217	50	87610	4.934	ug/L	100
5) Vinyl chloride	1.285	62	89794	5.229	ug/L	100
6) Bromomethane	1.490	94	42665	5.031	ug/L	100
8) Chloroethane	1.552	64	46908	5.182	ug/L	100
9) Trichlorofluoromethane	1.719	101	129820	5.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	67711	5.418	ug/L	100
12) 1,1-Dichloroethene	2.072	96	52619	5.271	ug/L	100
13) Acetone	2.140	43	133231	47.765	ug/L	100
14) Carbon disulfide	2.246	76	153347	5.186	ug/L	100
15) Methyl Acetate	2.387	43	29194	5.301	ug/L	100
16) Methylene chloride	2.452	84	106093	6.157	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	139249	5.058	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	58874	5.289	ug/L	100
19) 1,1-Dichloroethane	3.121	63	145134	5.285	ug/L	100
21) 2-Butanone	3.892	43	180442	51.614	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	65473	5.119	ug/L	100
23) Bromochloromethane	4.156	128	31294	5.492	ug/L	100
25) Chloroform	4.285	83	153236	5.458	ug/L	100
27) 1,2-Dichloroethane	5.050	62	87807	5.509	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	130212	5.274	ug/L	100
30) Cyclohexane	4.593	56	97866	5.179	ug/L	100
31) Carbon tetrachloride	4.744	117	113861	5.348	ug/L	100
33) Benzene	5.018	78	274268	5.555	ug/L	100
34) Trichloroethene	5.841	95	70932	5.348	ug/L	100
35) Methylcyclohexane	6.059	83	98088	5.350	ug/L	100
37) 1,2-Dichloropropane	6.101	63	80148	5.541	ug/L	100
38) Bromodichloromethane	6.439	83	101923	5.622	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	98631	5.754	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	423282	59.749	ug/L	100
42) Toluene	7.323	91	288942	5.957	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	85146	5.726	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031231.D
 Acq On : 25 May 2023 13:33
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005241

Quant Time: May 26 06:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	52449	5.997	ug/L	100
47) Tetrachloroethene	7.911	164	49775	5.177	ug/L	100
48) 2-Hexanone	8.085	43	287276	55.000	ug/L	100
49) Dibromochloromethane	8.181	129	52182	4.965	ug/L	100
50) 1,2-Dibromoethane	8.291	107	41910	5.190	ug/L	100
51) Chlorobenzene	8.821	112	164926	5.169	ug/L	100
52) Ethylbenzene	8.953	91	273633	5.116	ug/L	100
53) m,p-Xylene	9.079	106	102370	5.180	ug/L	100
54) o-Xylene	9.484	106	94050	4.998	ug/L	100
55) Styrene	9.503	104	173306	5.223	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	58773	5.323	ug/L	100
59) Bromoform	9.673	173	29735	5.035	ug/L	100
60) Isopropylbenzene	9.873	105	278208	5.231	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	41901	5.256	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	215296	4.993	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	226308	5.126	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	121791	4.837	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	131164	5.091	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	122666	5.083	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	7114	4.234	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	90400	4.421	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	78877	4.826	ug/L	100
71) Naphthalene	13.448	128	97219	4.019	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	70319	5.002	ug/L	100

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

