

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031232.D
 Acq On : 25 May 2023 13:55
 Operator : SY/MD
 Sample : VSTD01042
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010242

Quant Time: May 26 06:33:36 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	5.545	114	148418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	75298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	176745	10.745	ug/L	0.00
7) Chloroethane-d5	1.536	69	132403	10.318	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	68012	10.003	ug/L	0.00
20) 2-Butanone-d5	3.809	46	405100	113.972	ug/L	0.00
24) Chloroform-d	4.259	84	352947	10.820	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	176594	10.957	ug/L	0.00
32) Benzene-d6	4.966	84	642797	10.713	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	215014	10.708	ug/L	0.00
41) Toluene-d8	7.249	98	601256	11.467	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	73551	11.393	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	324306	125.610	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147914	10.438	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	180535	10.219	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	163300	10.226	ug/L	100
3) Chloromethane	1.217	50	173490	9.709	ug/L	100
5) Vinyl chloride	1.285	62	178661	10.338	ug/L	98
6) Bromomethane	1.491	94	85041	9.966	ug/L	99
8) Chloroethane	1.555	64	90303	9.914	ug/L	98
9) Trichlorofluoromethane	1.719	101	240215	10.110	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	122692	9.757	ug/L	98
12) 1,1-Dichloroethene	2.076	96	98100	9.766	ug/L	84
13) Acetone	2.137	43	228273	81.327	ug/L	99
14) Carbon disulfide	2.246	76	303769	10.210	ug/L	99
15) Methyl Acetate	2.388	43	55526	10.019	ug/L	97
16) Methylene chloride	2.452	84	143417	8.271	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	297074	10.723	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	117331	10.475	ug/L	98
19) 1,1-Dichloroethane	3.121	63	284109	10.282	ug/L	99
21) 2-Butanone	3.889	43	375732	106.805	ug/L	95
22) cis-1,2-Dichloroethene	3.825	96	138245	10.742	ug/L	96
23) Bromochloromethane	4.156	128	60640	10.576	ug/L	97
25) Chloroform	4.288	83	295588	10.462	ug/L	97
27) 1,2-Dichloroethane	5.050	62	172923	10.782	ug/L #	96
29) 1,1,1-Trichloroethane	4.523	97	257593	9.620	ug/L	99
30) Cyclohexane	4.593	56	213368	10.410	ug/L	98
31) Carbon tetrachloride	4.744	117	228492	9.896	ug/L	98
33) Benzene	5.018	78	551171	10.293	ug/L	100
34) Trichloroethene	5.841	95	142813	9.927	ug/L	97
35) Methylcyclohexane	6.059	83	214880	10.805	ug/L	94
37) 1,2-Dichloropropane	6.101	63	161331	10.284	ug/L	100
38) Bromodichloromethane	6.439	83	200949	10.220	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	213433	11.480	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	893949	116.342	ug/L	99
42) Toluene	7.323	91	594721	11.304	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	180497	11.192	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	102354	10.789	ug/L	96
47) Tetrachloroethene	7.912	164	109620	10.513	ug/L	99
48) 2-Hexanone	8.082	43	659333	116.385	ug/L	98
49) Dibromochloromethane	8.185	129	121449	10.655	ug/L	100
50) 1,2-Dibromoethane	8.288	107	93755	10.704	ug/L	98
51) Chlorobenzene	8.821	112	357903	10.341	ug/L	99
52) Ethylbenzene	8.953	91	644361	11.108	ug/L	99
53) m,p-Xylene	9.079	106	235649	10.993	ug/L	99
54) o-Xylene	9.484	106	223690	10.961	ug/L	98
55) Styrene	9.503	104	410326	11.402	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	122219	10.206	ug/L	96
59) Bromoform	9.670	173	65500	10.745	ug/L	100
60) Isopropylbenzene	9.873	105	653827	11.910	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	88771	10.787	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	536371	12.051	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	557665	12.236	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	269024	10.350	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	273382	10.279	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	253183	10.163	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	16990	9.796	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	219103	10.380	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	170265	10.092	ug/L	98
71) Naphthalene	13.445	128	226421	9.067	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	148452	10.230	ug/L	98

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

