

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053023\
 Data File : VV031268.D
 Acq On : 30 May 2023 15:12
 Operator : SY/MD
 Sample : VSTD00549
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005249

Quant Time: May 31 04:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR053023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 31 04:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120844	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	116778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64924	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	51463	4.009	ug/L	0.00
7) Chloroethane-d5	1.535	69	54303	5.183	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	26725	4.897	ug/L	0.00
20) 2-Butanone-d5	3.812	46	172979	57.766	ug/L	0.00
24) Chloroform-d	4.259	84	120919	4.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	68466	5.218	ug/L	0.00
32) Benzene-d6	4.969	84	232679	4.859	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	82060	5.070	ug/L	0.00
41) Toluene-d8	7.249	98	218102	5.220	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	26194	5.055	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	122358	55.438	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	62295	5.298	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	72496	4.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	94567	6.739	ug/L	100
3) Chloromethane	1.217	50	88774	5.829	ug/L	100
5) Vinyl chloride	1.285	62	88856	6.052	ug/L	100
6) Bromomethane	1.490	94	51536	6.771	ug/L	100
8) Chloroethane	1.552	64	55352	6.839	ug/L	100
9) Trichlorofluoromethane	1.716	101	134538	6.572	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	72863	6.664	ug/L	100
12) 1,1-Dichloroethene	2.072	96	62464	6.977	ug/L	100
13) Acetone	2.143	43	108863	48.080	ug/L	100
14) Carbon disulfide	2.246	76	194246	7.203	ug/L	100
15) Methyl Acetate	2.388	43	27089	5.839	ug/L	100
16) Methylene chloride	2.452	84	74527	5.471	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	138191	5.875	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	60397	6.287	ug/L	100
19) 1,1-Dichloroethane	3.117	63	135515	5.851	ug/L	100
21) 2-Butanone	3.899	43	164388	56.095	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	62883	5.797	ug/L	100
23) Bromochloromethane	4.159	128	28811	6.008	ug/L	100
25) Chloroform	4.285	83	147341	6.171	ug/L	100
27) 1,2-Dichloroethane	5.050	62	80569	6.011	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	117270	5.364	ug/L	100
30) Cyclohexane	4.590	56	111770	6.322	ug/L	100
31) Carbon tetrachloride	4.741	117	105652	5.567	ug/L	100
33) Benzene	5.018	78	272271	6.085	ug/L	100
34) Trichloroethene	5.841	95	70870	5.893	ug/L	100
35) Methylcyclohexane	6.056	83	106810	6.291	ug/L	100
37) 1,2-Dichloropropane	6.101	63	75769	5.849	ug/L	100
38) Bromodichloromethane	6.442	83	92508	5.750	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	94872	6.150	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	420814	65.387	ug/L	100
42) Toluene	7.323	91	285973	6.498	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	80651	6.050	ug/L	100

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45) 1,1,2-Trichloroethane	7.776	97	48689	6.235	ug/L	100
47) Tetrachloroethene	7.911	164	53079	6.002	ug/L	100
48) 2-Hexanone	8.085	43	314229	61.697	ug/L	100
49) Dibromochloromethane	8.181	129	56314	5.820	ug/L	100
50) 1,2-Dibromoethane	8.291	107	46043	6.153	ug/L	100
51) Chlorobenzene	8.821	112	164545	5.695	ug/L	100
52) Ethylbenzene	8.953	91	292194	5.941	ug/L	100
53) m,p-Xylene	9.079	106	107299	5.927	ug/L	100
54) o-Xylene	9.487	106	99377	5.762	ug/L	100
55) Styrene	9.503	104	184157	6.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	57974	5.809	ug/L	100
59) Bromoform	9.673	173	30665	5.653	ug/L	100
60) Isopropylbenzene	9.873	105	283712	5.816	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	41566	5.720	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	223488	5.636	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	232935	5.743	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	133784	5.711	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	133536	5.658	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	121817	5.541	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	9327	5.774	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	92021	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	68547	4.734	ug/L	100
71) Naphthalene	13.448	128	89856	4.148	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	60808	4.888	ug/L	100

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

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