

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031826.D
 Acq On : 17 Aug 2023 12:23
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005268

Quant Time: Aug 18 01:57:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	206866	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	215883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	127308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	61619	3.643	ug/L	0.00
7) Chloroethane-d5	1.532	69	70349	4.426	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	37327	4.174	ug/L	0.00
20) 2-Butanone-d5	3.812	46	222655	48.624	ug/L	0.00
24) Chloroform-d	4.255	84	185908	4.852	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	94839	4.835	ug/L	0.00
32) Benzene-d6	4.966	84	318622	5.179	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	107390	4.798	ug/L	0.00
41) Toluene-d8	7.249	98	317869	5.640	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	35894	5.083	ug/L	0.00
46) 2-Hexanone-d5	8.033	63	172984	52.314	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	87363	5.188	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	113975	5.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	98287	4.506	ug/L	100
3) Chloromethane	1.217	50	88449	4.031	ug/L	100
5) Vinyl chloride	1.281	62	90870	4.279	ug/L	100
6) Bromomethane	1.487	94	59122	4.442	ug/L	100
8) Chloroethane	1.548	64	59896	4.738	ug/L	100
9) Trichlorofluoromethane	1.712	101	149718	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	83524	4.863	ug/L	100
12) 1,1-Dichloroethene	2.069	96	68964	4.428	ug/L	100
13) Acetone	2.143	43	129139	44.027	ug/L	100
14) Carbon disulfide	2.240	76	198427	4.144	ug/L	100
15) Methyl Acetate	2.387	43	31811	5.078	ug/L	100
16) Methylene chloride	2.449	84	84737	4.048	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	141295	4.805	ug/L	100
18) trans-1,2-Dichloroethene	2.699	96	66066	4.788	ug/L	100
19) 1,1-Dichloroethane	3.117	63	139581	4.690	ug/L	100
21) 2-Butanone	3.899	43	169441	44.835	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	68653	4.993	ug/L	100
23) Bromochloromethane	4.159	128	36547	5.282	ug/L	100
25) Chloroform	4.284	83	150212	5.080	ug/L	100
27) 1,2-Dichloroethane	5.050	62	88299	4.766	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	123904	4.799	ug/L	100
30) Cyclohexane	4.587	56	80595	4.380	ug/L	100
31) Carbon tetrachloride	4.741	117	116544	5.041	ug/L	100
33) Benzene	5.018	78	281641	5.134	ug/L	100
34) Trichloroethene	5.841	95	78552	5.048	ug/L	100
35) Methylcyclohexane	6.053	83	88015	4.640	ug/L	100
37) 1,2-Dichloropropane	6.098	63	79968	5.108	ug/L	100
38) Bromodichloromethane	6.439	83	100268	4.866	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	92943	4.812	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	425377	51.368	ug/L	100
42) Toluene	7.320	91	290070	5.551	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	89715	5.229	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	59858	5.126	ug/L	100
47) Tetrachloroethene	7.911	164	59572	5.482	ug/L	100
48) 2-Hexanone	8.082	43	355274	58.216	ug/L	100
49) Dibromochloromethane	8.181	129	69034	5.462	ug/L	100
50) 1,2-Dibromoethane	8.287	107	57563	5.246	ug/L	100
51) Chlorobenzene	8.821	112	184042	5.253	ug/L	100
52) Ethylbenzene	8.953	91	280601	5.299	ug/L	100
53) m,p-Xylene	9.078	106	99229	5.173	ug/L	100
54) o-Xylene	9.484	106	94878	5.245	ug/L	100
55) Styrene	9.503	104	178064	5.262	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	59015	4.805	ug/L	100
59) Bromoform	9.670	173	36576	4.410	ug/L	100
60) Isopropylbenzene	9.873	105	261477	4.696	ug/L	100
61) 1,2,3-Trichloropropane	10.213	75	50805	4.595	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	201708	4.492	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	204712	4.566	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	156494	5.140	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	157530	4.929	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	146201	5.054	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	9322	4.244	ug/L	100
69) 1,3,5-Trichlorobenzene	12.586	180	108471	4.847	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	83943	4.780	ug/L	100
71) Naphthalene	13.445	128	121033	4.337	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	78682	4.860	ug/L	100

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

