

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029791.D
 Acq On : 12 Jan 2023 17:18
 Operator : SY/MD
 Sample : VSTD00518
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005218

Quant Time: Jan 12 21:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	201062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	191909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	108638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	75665	5.884	ug/L	0.00
7) Chloroethane-d5	1.561	69	62054	6.445	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	134796	6.375	ug/L	0.00
20) 2-Butanone-d5	3.899	46	141543	64.827	ug/L	0.00
24) Chloroform-d	4.336	84	139756	6.073	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	60414	5.999	ug/L	0.00
32) Benzene-d6	5.040	84	288074	5.427	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.060	67	85084	5.644	ug/L	0.00
41) Toluene-d8	7.307	98	273155	5.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	31367	5.483	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	132651	62.516	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	61957	6.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	96220	5.106	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	98870	6.179	ug/L	100
3) Chloromethane	1.237	50	103803	6.791	ug/L	100
5) Vinyl chloride	1.304	62	102182	6.778	ug/L	100
6) Bromomethane	1.516	94	50271	5.699	ug/L	100
8) Chloroethane	1.577	64	62882	6.961	ug/L	100
9) Trichlorofluoromethane	1.748	101	136143	6.534	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	80035	6.787	ug/L	100
12) 1,1-Dichloroethene	2.111	96	79389	6.926	ug/L	100
13) Acetone	2.198	43	93381	58.550	ug/L	100
14) Carbon disulfide	2.285	76	262659	7.559	ug/L	100
15) Methyl Acetate	2.436	43	23746	5.268	ug/L	100
16) Methylene chloride	2.497	84	97984	5.713	ug/L	100
17) Methyl tert-butyl Ether	2.761	73	162357	5.870	ug/L	100
18) trans-1,2-Dichloroethene	2.751	96	85873	6.637	ug/L	100
19) 1,1-Dichloroethane	3.179	63	142645	6.269	ug/L	100
21) 2-Butanone	3.982	43	150608	60.879	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	89948	6.211	ug/L	100
23) Bromochloromethane	4.236	128	38196	6.534	ug/L	100
25) Chloroform	4.362	83	150946	6.327	ug/L	100
27) 1,2-Dichloroethane	5.121	62	76668	5.983	ug/L	100
29) 1,1,1-Trichloroethane	4.597	97	132397	5.788	ug/L	100
30) Cyclohexane	4.667	56	128409	5.710	ug/L	100
31) Carbon tetrachloride	4.815	117	115023	5.921	ug/L	100
33) Benzene	5.088	78	348916	5.846	ug/L	100
34) Trichloroethene	5.905	95	87928	5.799	ug/L	100
35) Methylcyclohexane	6.121	83	148623	5.834	ug/L	100
37) 1,2-Dichloropropane	6.162	63	82530	5.874	ug/L	100
38) Bromodichloromethane	6.500	83	105641	6.180	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	108544	5.441	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	366080	56.676	ug/L	100
42) Toluene	7.378	91	383111	5.972	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	89450	5.605	ug/L	100

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45) 1,1,2-Trichloroethane	7.831	97	58011	6.053	ug/L	100
47) Tetrachloroethene	7.966	164	74023	5.918	ug/L	100
48) 2-Hexanone	8.137	43	260036	57.418	ug/L	100
49) Dibromochloromethane	8.236	129	69164	6.345	ug/L	100
50) 1,2-Dibromoethane	8.342	107	51630	6.171	ug/L	100
51) Chlorobenzene	8.873	112	231645	5.785	ug/L	100
52) Ethylbenzene	9.002	91	387982	5.824	ug/L	100
53) m,p-Xylene	9.130	106	156009	5.902	ug/L	100
54) o-Xylene	9.532	106	143483	5.604	ug/L	100
55) Styrene	9.551	104	257017	5.887	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	64825	6.395	ug/L	100
59) Bromoform	9.719	173	37911	6.227	ug/L	100
60) Isopropylbenzene	9.921	105	381439	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	43650	5.633	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	318682	5.207	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	321637	5.212	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	188862	5.603	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	186312	5.580	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	171079	5.521	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	9416	6.007	ug/L	100
69) 1,3,5-Trichlorobenzene	12.632	180	150667	5.446	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	117811	5.297	ug/L	100
71) Naphthalene	13.490	128	148223	6.902	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	98496	5.421	ug/L	100

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

