

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030915.D
 Acq On : 28 Apr 2023 12:27
 Operator : SY/MD
 Sample : VSTD02037
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02037

Quant Time: Apr 29 00:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	88383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	250966	21.179	ug/L	0.00
7) Chloroethane-d5	1.535	69	207013	21.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	134560	21.457	ug/L	0.00
20) 2-Butanone-d5	3.818	46	529706	252.594	ug/L	-0.02
24) Chloroform-d	4.256	84	507865	21.565	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	264010	22.051	ug/L	0.00
32) Benzene-d6	4.969	84	952970	22.767	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	264644	21.744	ug/L	0.00
41) Toluene-d8	7.249	98	926067	23.234	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	110000	24.110	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	429240	277.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	198062	22.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	358254	21.745	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	225607	19.856	ug/L	100
3) Chloromethane	1.217	50	247670	18.574	ug/L	100
5) Vinyl chloride	1.285	62	228762	20.498	ug/L	98
6) Bromomethane	1.490	94	97634	18.368	ug/L	98
8) Chloroethane	1.555	64	130227	19.171	ug/L	99
9) Trichlorofluoromethane	1.719	101	405929	19.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	213886	20.349	ug/L	98
12) 1,1-Dichloroethene	2.072	96	194100	20.053	ug/L	93
13) Acetone	2.159	43	336650	187.534	ug/L	79
14) Carbon disulfide	2.246	76	523559	20.673	ug/L	98
15) Methyl Acetate	2.391	43	68608	18.827	ug/L	92
16) Methylene chloride	2.452	84	179888	16.429	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	416209	22.588	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	180612	20.428	ug/L	99
19) 1,1-Dichloroethane	3.117	63	346493	20.296	ug/L	99
21) 2-Butanone	3.902	43	436331	220.232	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	198796	21.311	ug/L	95
23) Bromochloromethane	4.159	128	85630	19.497	ug/L	97
25) Chloroform	4.284	83	374230	20.430	ug/L	97
27) 1,2-Dichloroethane	5.050	62	249161	21.674	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	358919	20.003	ug/L	100
30) Cyclohexane	4.593	56	302427	22.315	ug/L	97
31) Carbon tetrachloride	4.744	117	323912	20.097	ug/L	99
33) Benzene	5.018	78	763923	21.267	ug/L	100
34) Trichloroethene	5.837	95	197930	20.672	ug/L	98
35) Methylcyclohexane	6.059	83	334641	22.553	ug/L	99
37) 1,2-Dichloropropane	6.101	63	183107	21.493	ug/L	98
38) Bromodichloromethane	6.439	83	254881	20.440	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	292043	22.886	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	1075702	243.685	ug/L	99
42) Toluene	7.323	91	866139	22.398	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	248843	22.887	ug/L	99

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45) 1,1,2-Trichloroethane	7.776	97	129665	20.512	ug/L	98
47) Tetrachloroethene	7.911	164	185296	20.286	ug/L	99
48) 2-Hexanone	8.085	43	816587	254.089	ug/L	99
49) Dibromochloromethane	8.185	129	166224	20.901	ug/L	99
50) 1,2-Dibromoethane	8.291	107	120438	21.361	ug/L	98
51) Chlorobenzene	8.821	112	546477	20.844	ug/L	99
52) Ethylbenzene	8.953	91	984798	23.358	ug/L	100
53) m,p-Xylene	9.078	106	381738	22.689	ug/L	96
54) o-Xylene	9.487	106	367532	22.953	ug/L	95
55) Styrene	9.503	104	639774	23.679	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	149577	21.168	ug/L	99
59) Bromoform	9.673	173	102413	19.686	ug/L	97
60) Isopropylbenzene	9.876	105	1030532	21.626	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	107954	19.443	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	864052	22.273	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	893030	22.720	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	499231	20.399	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	498459	20.189	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	448901	20.399	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	25630	18.184	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.590	180	396429	20.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	316769	21.273	ug/L	98
71) Naphthalene	13.448	128	437415	20.486	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	271712	21.556	ug/L	100

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

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