

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030531.D
 Acq On : 12 Apr 2023 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Apr 13 02:53:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	108644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	106496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29358	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.536	69	26361	3.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.066	63	77848	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.835	46	82642	44.435	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.880%
24) Chloroform-d	4.262	84	78732	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.957	65	38575	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.973	84	134044	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.998	67	40233	4.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.252	98	133502	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.564	79	15682	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.037	63	67232	47.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34325	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	50924	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	58401	4.228	ug/L	99
3) Chloromethane	1.214	50	73519	4.218	ug/L	100
5) Vinyl chloride	1.285	62	56933	4.481	ug/L	99
6) Bromomethane	1.491	94	17503	4.830	ug/L	99
8) Chloroethane	1.552	64	32922	4.523	ug/L	100
9) Trichlorofluoromethane	1.716	101	94279	5.090	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	48647	4.759	ug/L	99
12) 1,1-Dichloroethene	2.073	96	44774	4.932	ug/L	94
13) Acetone	2.159	43	76748	43.154	ug/L	83
14) Carbon disulfide	2.243	76	128969	4.313	ug/L	98
15) Methyl Acetate	2.394	43	19073	6.001	ug/L	# 88
16) Methylene chloride	2.452	84	49277	4.589	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	98537	5.125	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	44574	4.661	ug/L	94
19) 1,1-Dichloroethane	3.121	63	86601	4.671	ug/L	97
21) 2-Butanone	3.909	43	115963	51.805	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	49915	5.201	ug/L	95
23) Bromochloromethane	4.159	128	22349	4.986	ug/L	96
25) Chloroform	4.291	83	92388	4.931	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	61628	5.440	ug/L	95
29) 1,1,1-Trichloroethane	4.526	97	86345	5.044	ug/L	100
30) Cyclohexane	4.593	56	68327	4.382	ug/L	99
31) Carbon tetrachloride	4.748	117	75825	4.882	ug/L	99
33) Benzene	5.021	78	184951	4.889	ug/L	100
34) Trichloroethene	5.841	95	59700	5.852	ug/L	97
35) Methylcyclohexane	6.060	83	69894	4.365	ug/L	99
37) 1,2-Dichloropropane	6.105	63	47423	4.884	ug/L	100
38) Bromodichloromethane	6.442	83	65852	5.178	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	62245	4.558	ug/L	98
40) 4-Methyl-2-pentanone	7.172	43	291380	56.943	ug/L	98
42) Toluene	7.326	91	204496	5.076	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	55376	4.766	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	35356	5.171	ug/L	98
47) Tetrachloroethene	7.915	164	48075	5.340	ug/L	96
48) 2-Hexanone	8.088	43	215386	56.203	ug/L	99
49) Dibromochloromethane	8.185	129	41746	5.129	ug/L	97
50) 1,2-Dibromoethane	8.291	107	32017	5.147	ug/L	93
51) Chlorobenzene	8.822	112	126653	4.910	ug/L	97
52) Ethylbenzene	8.957	91	212820	4.828	ug/L	99
53) m,p-Xylene	9.082	106	83195	4.931	ug/L	98
54) o-Xylene	9.487	106	80580	4.991	ug/L	99
55) Styrene	9.506	104	144653	5.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	42430	5.228	ug/L	99
59) Bromoform	9.677	173	25735	5.019	ug/L	99
60) Isopropylbenzene	9.876	105	217999	4.659	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	29898	5.271	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	174487	4.570	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	183147	4.707	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	114557	4.910	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	115862	4.929	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	103445	4.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	7067	5.009	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	84476	4.703	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	66408	4.788	ug/L	98
71) Naphthalene	13.448	128	99160	5.006	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	59538	4.955	ug/L	100

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

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