

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030823\
 Data File : VW030146.D
 Acq On : 08 Mar 2023 13:14
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005295

Quant Time: Mar 09 00:36:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	147137	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	140251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	86613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33368	3.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.535	69	38764	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.066	63	81921	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.815	46	98449	56.087	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.180%
24) Chloroform-d	4.256	84	95577	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.950	65	39201	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.966	84	159235	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.995	67	53314	4.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.249	98	149709	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.558	79	18228	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.034	63	83560	51.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.000%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44829	5.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	64441	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	62355	5.209	ug/L	100
3) Chloromethane	1.217	50	89691	4.755	ug/L	100
5) Vinyl chloride	1.285	62	63985	5.104	ug/L	99
6) Bromomethane	1.490	94	11856	5.268	ug/L	93
8) Chloroethane	1.552	64	40739	5.333	ug/L	99
9) Trichlorofluoromethane	1.715	101	99662	5.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	62195	5.575	ug/L	98
12) 1,1-Dichloroethene	2.072	96	52697	5.337	ug/L	96
13) Acetone	2.146	43	68156	52.535	ug/L #	48
14) Carbon disulfide	2.246	76	127407	4.822	ug/L	98
15) Methyl Acetate	2.387	43	14715	4.856	ug/L	92
16) Methylene chloride	2.452	84	64592	5.354	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	96559	5.000	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	49216	5.239	ug/L	99
19) 1,1-Dichloroethane	3.117	63	95877	5.479	ug/L	99
21) 2-Butanone	3.899	43	90082	51.629	ug/L	98
22) cis-1,2-Dichloroethene	3.821	96	53174	5.121	ug/L	97
23) Bromochloromethane	4.153	128	25866	5.830	ug/L	92
25) Chloroform	4.281	83	102674	5.640	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	52693	5.534	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	91929	5.580	ug/L	99
30) Cyclohexane	4.590	56	64866	4.557	ug/L	99
31) Carbon tetrachloride	4.744	117	83120	5.613	ug/L	98
33) Benzene	5.018	78	204140	5.329	ug/L	100
34) Trichloroethene	5.838	95	54027	5.034	ug/L	98
35) Methylcyclohexane	6.059	83	75183	4.628	ug/L	98
37) 1,2-Dichloropropane	6.098	63	53207	5.460	ug/L	100
38) Bromodichloromethane	6.439	83	70658	5.680	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	71483	5.011	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	217401	54.065	ug/L	99
42) Toluene	7.323	91	224846	5.420	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	60371	5.421	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	38569	5.531	ug/L	98
47) Tetrachloroethene	7.911	164	49350	5.357	ug/L	99
48) 2-Hexanone	8.085	43	162724	56.527	ug/L	98
49) Dibromochloromethane	8.185	129	47447	5.815	ug/L	98
50) 1,2-Dibromoethane	8.288	107	35372	5.437	ug/L	95
51) Chlorobenzene	8.821	112	149311	5.337	ug/L	99
52) Ethylbenzene	8.953	91	235403	5.214	ug/L	100
53) m,p-Xylene	9.079	106	89883	5.180	ug/L	99
54) o-Xylene	9.487	106	86075	5.193	ug/L	99
55) Styrene	9.503	104	154564	5.608	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	45338	5.813	ug/L	100
59) Bromoform	9.673	173	27739	5.343	ug/L	98
60) Isopropylbenzene	9.876	105	243823	4.892	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	29691	5.122	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	193540	4.728	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	203535	4.860	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	133678	5.152	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	133274	5.090	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	119538	5.217	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6445	4.978	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	105896	4.964	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	78513	4.543	ug/L	98
71) Naphthalene	13.448	128	97832	4.332	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	67314	4.732	ug/L	100

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

