

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033023\
 Data File : VW030371.D
 Acq On : 30 Mar 2023 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Mar 31 05:44:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	139309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	137075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33613	3.643	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.539	69	37352	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.066	63	93092	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.818	46	127917	53.639	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.280%
24) Chloroform-d	4.262	84	107001	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	4.953	65	54315	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.969	84	183615	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	5.998	67	58843	4.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.252	98	170892	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	20851	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.034	63	96987	53.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47082	4.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	67961	4.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	84647	4.780	ug/L	100
3) Chloromethane	1.217	50	102265	4.576	ug/L	99
5) Vinyl chloride	1.285	62	77868	4.780	ug/L	99
6) Bromomethane	1.494	94	25263	5.437	ug/L	98
8) Chloroethane	1.555	64	46156	4.946	ug/L	100
9) Trichlorofluoromethane	1.719	101	121508	5.116	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	63054	4.810	ug/L	99
12) 1,1-Dichloroethene	2.076	96	56981	4.895	ug/L	88
13) Acetone	2.146	43	91623	40.177	ug/L	84
14) Carbon disulfide	2.246	76	180682	4.712	ug/L	100
15) Methyl Acetate	2.391	43	21089	5.175	ug/L	96
16) Methylene chloride	2.455	84	62935	4.571	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	123458	5.008	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	59497	4.852	ug/L	96
19) 1,1-Dichloroethane	3.121	63	117424	4.939	ug/L	98
21) 2-Butanone	3.895	43	134727	46.939	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	63557	5.164	ug/L	96
23) Bromochloromethane	4.159	128	27790	4.835	ug/L	97
25) Chloroform	4.288	83	121557	5.060	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	74917	5.158	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	110525	5.017	ug/L	99
30) Cyclohexane	4.593	56	98592	4.912	ug/L	99
31) Carbon tetrachloride	4.744	117	100221	5.013	ug/L	99
33) Benzene	5.021	78	253104	5.199	ug/L	100
34) Trichloroethene	5.841	95	64927	4.945	ug/L	97
35) Methylcyclohexane	6.059	83	98522	4.780	ug/L	98
37) 1,2-Dichloropropane	6.104	63	61493	4.920	ug/L	99
38) Bromodichloromethane	6.442	83	82698	5.052	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	84487	4.807	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	343740	52.190	ug/L	99
42) Toluene	7.323	91	272447	5.254	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	69814	4.668	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	44045	5.005	ug/L	97
47) Tetrachloroethene	7.915	164	57026	4.921	ug/L	95
48) 2-Hexanone	8.085	43	250345	50.752	ug/L	99
49) Dibromochloromethane	8.185	129	50799	4.849	ug/L	97
50) 1,2-Dibromoethane	8.291	107	40500	5.058	ug/L	97
51) Chlorobenzene	8.821	112	170125	5.124	ug/L	98
52) Ethylbenzene	8.953	91	290524	5.121	ug/L	97
53) m,p-Xylene	9.082	106	113550	5.228	ug/L	97
54) o-Xylene	9.487	106	105523	5.078	ug/L	99
55) Styrene	9.503	104	186815	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	50197	4.805	ug/L	99
59) Bromoform	9.673	173	30055	4.671	ug/L	99
60) Isopropylbenzene	9.876	105	291938	4.972	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	34618	4.863	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	236371	4.934	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	244538	5.008	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	150243	5.131	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	148164	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	133321	5.053	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7877	4.449	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	113036	5.014	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	85272	4.899	ug/L	99
71) Naphthalene	13.448	128	112627	4.531	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	72941	4.837	ug/L	99

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

