

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041023\
 Data File : VW030484.D
 Acq On : 10 Apr 2023 21:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Apr 11 06:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122451	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	121266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28437	3.506	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.539	69	31580	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.066	63	80667	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.825	46	95732	45.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.340%
24) Chloroform-d	4.262	84	91666	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.957	65	43791	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	4.973	84	156046	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.001	67	46530	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.252	98	148267	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.561	79	16731	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.037	63	74007	45.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38744	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	58821	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	62721	4.029	ug/L	99
3) Chloromethane	1.217	50	70198	3.574	ug/L	99
5) Vinyl chloride	1.285	62	58913	4.114	ug/L	97
6) Bromomethane	1.494	94	21313	5.218	ug/L	99
8) Chloroethane	1.555	64	35702	4.352	ug/L	96
9) Trichlorofluoromethane	1.719	101	98145	4.701	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	51015	4.428	ug/L	99
12) 1,1-Dichloroethene	2.076	96	48509	4.741	ug/L	88
13) Acetone	2.150	43	69839	34.841	ug/L	78
14) Carbon disulfide	2.246	76	140542	4.170	ug/L	100
15) Methyl Acetate	2.394	43	16134	4.504	ug/L	96
16) Methylene chloride	2.455	84	65660	5.426	ug/L	97
17) Methyl tert-butyl Ether	2.715	73	92829	4.284	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	45977	4.266	ug/L	96
19) 1,1-Dichloroethane	3.121	63	91238	4.366	ug/L	98
21) 2-Butanone	3.905	43	102000	40.429	ug/L	99
22) cis-1,2-Dichloroethene	3.828	96	48687	4.501	ug/L	96
23) Bromochloromethane	4.162	128	22390	4.432	ug/L	93
25) Chloroform	4.291	83	97932	4.638	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	59424	4.654	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	92370	4.739	ug/L	100
30) Cyclohexane	4.596	56	71131	4.006	ug/L	97
31) Carbon tetrachloride	4.747	117	80710	4.564	ug/L	99
33) Benzene	5.021	78	191047	4.435	ug/L	100
34) Trichloroethene	5.844	95	51656	4.447	ug/L	99
35) Methylcyclohexane	6.063	83	75678	4.151	ug/L	99
37) 1,2-Dichloropropane	6.104	63	47432	4.290	ug/L	99
38) Bromodichloromethane	6.442	83	65355	4.513	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	63235	4.067	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	256967	44.101	ug/L	99
42) Toluene	7.323	91	217291	4.737	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	55064	4.162	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	34497	4.431	ug/L	96
47) Tetrachloroethene	7.915	164	47172	4.601	ug/L	97
48) 2-Hexanone	8.085	43	188697	43.241	ug/L	97
49) Dibromochloromethane	8.185	129	42320	4.566	ug/L	99
50) 1,2-Dibromoethane	8.291	107	31484	4.445	ug/L #	92
51) Chlorobenzene	8.821	112	134001	4.562	ug/L	97
52) Ethylbenzene	8.953	91	222702	4.437	ug/L	98
53) m,p-Xylene	9.082	106	88133	4.587	ug/L	99
54) o-Xylene	9.487	106	81512	4.434	ug/L	98
55) Styrene	9.503	104	146888	4.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	40785	4.413	ug/L	100
59) Bromoform	9.673	173	25309	4.413	ug/L	100
60) Isopropylbenzene	9.876	105	228031	4.358	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	28410	4.478	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	181858	4.259	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	188149	4.324	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	118690	4.548	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	116959	4.449	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	108408	4.610	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	7014	4.445	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	89053	4.432	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	68557	4.419	ug/L	99
71) Naphthalene	13.448	128	88565	3.998	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58903	4.383	ug/L	98

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

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