

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041123\
 Data File : VW030509.D
 Acq On : 11 Apr 2023 21:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005329

Quant Time: Apr 12 05:06:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 12 05:00:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	130765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	125871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	74329	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	36885	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.539	69	34203	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.069	63	89376	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.818	46	88982	39.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.500%
24) Chloroform-d	4.262	84	91987	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.957	65	43744	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	4.973	84	161131	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	5.998	67	47671	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.252	98	158007	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.561	79	17350	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.034	63	68936	41.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.060%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36653	4.188	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	58538	4.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	66510	4.001	ug/L	97
3) Chloromethane	1.217	50	83167	3.965	ug/L	100
5) Vinyl chloride	1.285	62	64236	4.200	ug/L	99
6) Bromomethane	1.491	94	20262	4.646	ug/L	96
8) Chloroethane	1.555	64	40319	4.603	ug/L	98
9) Trichlorofluoromethane	1.719	101	101726	4.563	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	53140	4.319	ug/L	98
12) 1,1-Dichloroethene	2.076	96	50983	4.666	ug/L	94
13) Acetone	2.143	43	78900	36.859	ug/L	79
14) Carbon disulfide	2.246	76	146130	4.060	ug/L	99
15) Methyl Acetate	2.391	43	19229	5.027	ug/L	92
16) Methylene chloride	2.455	84	100182	7.752	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	101868	4.402	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	48067	4.176	ug/L	99
19) 1,1-Dichloroethane	3.121	63	98178	4.400	ug/L	96
21) 2-Butanone	3.896	43	111493	41.382	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	51738	4.479	ug/L	98
23) Bromochloromethane	4.162	128	23603	4.375	ug/L	96
25) Chloroform	4.291	83	102389	4.541	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	63016	4.622	ug/L	96
29) 1,1,1-Trichloroethane	4.526	97	93805	4.637	ug/L	98
30) Cyclohexane	4.596	56	77659	4.214	ug/L	99
31) Carbon tetrachloride	4.748	117	81620	4.446	ug/L	98
33) Benzene	5.021	78	206295	4.614	ug/L	100
34) Trichloroethene	5.844	95	60465	5.015	ug/L	96
35) Methylcyclohexane	6.059	83	78300	4.137	ug/L	97
37) 1,2-Dichloropropane	6.101	63	52140	4.543	ug/L	99
38) Bromodichloromethane	6.442	83	71099	4.730	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	70031	4.339	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	283342	46.849	ug/L	99
42) Toluene	7.326	91	225087	4.727	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	58890	4.288	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	35629	4.409	ug/L	97
47) Tetrachloroethene	7.915	164	47877	4.499	ug/L	95
48) 2-Hexanone	8.085	43	209224	46.191	ug/L	100
49) Dibromochloromethane	8.185	129	44205	4.595	ug/L	97
50) 1,2-Dibromoethane	8.291	107	33478	4.553	ug/L	92
51) Chlorobenzene	8.821	112	139884	4.588	ug/L	97
52) Ethylbenzene	8.956	91	235402	4.518	ug/L	97
53) m,p-Xylene	9.082	106	91120	4.569	ug/L	96
54) o-Xylene	9.487	106	87434	4.582	ug/L	97
55) Styrene	9.503	104	154175	4.757	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	43128	4.496	ug/L	97
59) Bromoform	9.673	173	26400	4.394	ug/L	99
60) Isopropylbenzene	9.876	105	242924	4.432	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	29383	4.421	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	193058	4.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	203543	4.465	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	124294	4.547	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	124601	4.525	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	111036	4.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7078	4.282	ug/L	92
69) 1,3,5-Trichlorobenzene	12.593	180	93661	4.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	71718	4.413	ug/L	100
71) Naphthalene	13.448	128	92082	3.968	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	60602	4.305	ug/L	100

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

