

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030558.D
 Acq On : 13 Apr 2023 20:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Apr 14 05:25:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	53470	6.411	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.200%
7) Chloroethane-d5	1.536	69	41316	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.066	63	116380	5.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.600%
20) 2-Butanone-d5	3.818	46	101672	47.165	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.340%
24) Chloroform-d	4.262	84	92670	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	4.953	65	47389	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.973	84	163775	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.998	67	50408	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.252	98	156655	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.561	79	16989	4.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.034	63	79241	48.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38683	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	56806	4.680	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	60581	3.784	ug/L	98
3) Chloromethane	1.217	50	88089	4.361	ug/L	99
5) Vinyl chloride	1.285	62	62599	4.251	ug/L	100
6) Bromomethane	1.490	94	17593	4.189	ug/L	100
8) Chloroethane	1.555	64	38794	4.599	ug/L	100
9) Trichlorofluoromethane	1.716	101	101846	4.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	51680	4.362	ug/L	99
12) 1,1-Dichloroethene	2.076	96	68144	6.477	ug/L	89
13) Acetone	2.140	43	87929	42.656	ug/L	89
14) Carbon disulfide	2.246	76	132412	3.821	ug/L	99
15) Methyl Acetate	2.391	43	21262	5.772	ug/L	93
16) Methylene chloride	2.455	84	52754	4.239	ug/L	95
17) Methyl tert-butyl Ether	2.716	73	106753	4.791	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	46894	4.231	ug/L	97
19) 1,1-Dichloroethane	3.121	63	101621	4.729	ug/L	96
21) 2-Butanone	3.896	43	124085	47.826	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	52204	4.693	ug/L #	99
23) Bromochloromethane	4.162	128	24111	4.641	ug/L	98
25) Chloroform	4.288	83	104836	4.828	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	66394	5.057	ug/L	95
29) 1,1,1-Trichloroethane	4.523	97	184540	9.366	ug/L	99
30) Cyclohexane	4.593	56	76210	4.246	ug/L	99
31) Carbon tetrachloride	4.748	117	84382	4.720	ug/L	100
33) Benzene	5.021	78	204380	4.694	ug/L	100
34) Trichloroethene	5.844	95	53694	4.573	ug/L	97
35) Methylcyclohexane	6.059	83	73634	3.995	ug/L	99
37) 1,2-Dichloropropane	6.101	63	52919	4.734	ug/L	100
38) Bromodichloromethane	6.442	83	70123	4.791	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	59131	3.762	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	324453	55.086	ug/L	100
42) Toluene	7.323	91	222862	4.806	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	50137	3.749	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	38217	4.856	ug/L	98
47) Tetrachloroethene	7.915	164	44529	4.297	ug/L	97
48) 2-Hexanone	8.085	43	233913	53.028	ug/L	99
49) Dibromochloromethane	8.185	129	42545	4.541	ug/L	99
50) 1,2-Dibromoethane	8.291	107	35521	4.961	ug/L	96
51) Chlorobenzene	8.821	112	138607	4.668	ug/L	99
52) Ethylbenzene	8.956	91	229190	4.517	ug/L	99
53) m,p-Xylene	9.082	106	87283	4.494	ug/L	98
54) o-Xylene	9.487	106	84415	4.542	ug/L	98
55) Styrene	9.503	104	152091	4.818	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	46957	5.027	ug/L	95
59) Bromoform	9.673	173	26089	4.753	ug/L	96
60) Isopropylbenzene	9.876	105	230823	4.609	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	31622	5.208	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	179691	4.397	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	189543	4.551	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	116569	4.667	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	116707	4.638	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	106558	4.735	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7675	5.082	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	82961	4.314	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	67056	4.516	ug/L	98
71) Naphthalene	13.448	128	101356	4.780	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	62358	4.848	ug/L	98

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

