

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030968.D
 Acq On : 01 May 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: May 02 01:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	131729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	47325	4.361	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.535	69	39915	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.063	65	25966	4.521	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	3.834	46	91052	47.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	4.259	84	99790	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.956	65	51043	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.969	84	171147	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.998	67	46578	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.249	98	170554	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.561	79	19894	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.037	63	74356	52.397	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	41003	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	65612	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46727	4.490	ug/L	97
3) Chloromethane	1.217	50	53542	4.384	ug/L	97
5) Vinyl chloride	1.285	62	47675	4.664	ug/L	98
6) Bromomethane	1.490	94	21292	4.374	ug/L	98
8) Chloroethane	1.555	64	28820	4.632	ug/L	97
9) Trichlorofluoromethane	1.719	101	89956	4.770	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	47889	4.975	ug/L	98
12) 1,1-Dichloroethene	2.072	96	40866	4.610	ug/L	91
13) Acetone	2.162	43	66067	40.188	ug/L	93
14) Carbon disulfide	2.246	76	95131	4.101	ug/L	98
15) Methyl Acetate	2.394	43	14626	4.373	ug/L #	78
16) Methylene chloride	2.455	84	41559	4.144	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	92457	5.479	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	38049	4.699	ug/L	95
19) 1,1-Dichloroethane	3.121	63	75990	4.860	ug/L	99
21) 2-Butanone	3.918	43	77706	42.978	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	41214	4.824	ug/L	98
23) Bromochloromethane	4.162	128	20252	5.035	ug/L	93
25) Chloroform	4.288	83	86093	5.132	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050123\
 Data File : VW030968.D
 Acq On : 01 May 2023 20:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: May 02 01:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	58101	5.518	ug/L	99
29) 1,1,1-Trichloroethane	4.522	97	81922	5.143	ug/L	99
30) Cyclohexane	4.593	56	54042	4.492	ug/L	99
31) Carbon tetrachloride	4.744	117	72756	5.085	ug/L	98
33) Benzene	5.021	78	158317	4.965	ug/L	100
34) Trichloroethene	5.844	95	42524	5.003	ug/L	98
35) Methylcyclohexane	6.059	83	59046	4.482	ug/L	99
37) 1,2-Dichloropropane	6.104	63	39712	5.250	ug/L	97
38) Bromodichloromethane	6.442	83	59026	5.332	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	57148	5.045	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	245645	62.681	ug/L	100
42) Toluene	7.323	91	181073	5.274	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	50627	5.245	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	32057	5.712	ug/L	95
47) Tetrachloroethene	7.911	164	40009	4.934	ug/L	97
48) 2-Hexanone	8.088	43	179596	59.750	ug/L	99
49) Dibromochloromethane	8.185	129	38496	5.452	ug/L	99
50) 1,2-Dibromoethane	8.291	107	28915	5.777	ug/L #	100
51) Chlorobenzene	8.821	112	117752	5.059	ug/L	100
52) Ethylbenzene	8.953	91	189001	5.050	ug/L	97
53) m,p-Xylene	9.082	106	73523	4.922	ug/L	98
54) o-Xylene	9.487	106	71695	5.044	ug/L	96
55) Styrene	9.503	104	125268	5.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	38216	6.092	ug/L	94
59) Bromoform	9.673	173	24565	5.516	ug/L	96
60) Isopropylbenzene	9.876	105	200441	4.914	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	26333	5.541	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	157704	4.749	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	160449	4.769	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	104830	5.004	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	105580	4.996	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	94591	5.022	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	6143	5.092	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	80621	4.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	64171	5.034	ug/L	98
71) Naphthalene	13.448	128	89973	4.923	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	58041	5.379	ug/L	97

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

