

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032223\
 Data File : VW030297.D
 Acq On : 22 Mar 2023 17:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

03/23/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 23 01:50:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 23 01:48:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	116539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	67981	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	35254	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.536	69	33589	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.063	63	79381	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	3.835	46	61641m	42.947	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.900%
24) Chloroform-d	4.259	84	75070	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.957	65	37405	5.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.200%
32) Benzene-d6	4.970	84	131213	4.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.998	67	34710	3.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.249	98	131107	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.561	79	14836	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.037	63	58380	43.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27743	4.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	51616	4.488	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.108	85	38858	3.970	ug/L	97
3) Chloromethane	1.214	50	49902	3.235	ug/L	98
5) Vinyl chloride	1.285	62	39645	3.867	ug/L	99
6) Bromomethane	1.491	94	11502	6.251	ug/L	93
8) Chloroethane	1.552	64	24836	3.976	ug/L	97
9) Trichlorofluoromethane	1.716	101	77974	5.301	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	40011	4.386	ug/L	93
12) 1,1-Dichloroethene	2.073	96	34940	4.327	ug/L	82
13) Acetone	2.163	43	54033m	50.934	ug/L	
14) Carbon disulfide	2.243	76	65212	3.019	ug/L	98
15) Methyl Acetate	2.397	43	14573m	5.882	ug/L	
16) Methylene chloride	2.452	84	39772	4.032	ug/L	91
17) Methyl tert-butyl Ether	2.712	73	74079	4.692	ug/L	# 93
18) trans-1,2-Dichloroethene	2.700	96	30371	3.954	ug/L	99
19) 1,1-Dichloroethane	3.118	63	61045	4.266	ug/L	98
21) 2-Butanone	3.925	43	59682	41.832	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	35719	4.207	ug/L	99
23) Bromochloromethane	4.159	128	16358	4.509	ug/L	93
25) Chloroform	4.288	83	71132	4.779	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032223\
 Data File : VW030297.D
 Acq On : 22 Mar 2023 17:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

03/23/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 23 01:50:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 23 01:48:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.056	62	44564	5.724	ug/L	#	93
29) 1,1,1-Trichloroethane	4.523	97	68701	5.018	ug/L		97
30) Cyclohexane	4.590	56	41086	3.473	ug/L		96
31) Carbon tetrachloride	4.744	117	61503	4.998	ug/L		99
33) Benzene	5.021	78	130835	4.111	ug/L		100
34) Trichloroethene	5.844	95	34032	3.816	ug/L		96
35) Methylcyclohexane	6.060	83	49365	3.657	ug/L		98
37) 1,2-Dichloropropane	6.105	63	31157	3.848	ug/L	#	96
38) Bromodichloromethane	6.442	83	49434	4.782	ug/L		97
39) cis-1,3-Dichloropropene	6.963	75	46932	3.959	ug/L		95
40) 4-Methyl-2-pentanone	7.172	43	172654	51.673	ug/L		93
42) Toluene	7.323	91	150499	4.366	ug/L		99
44) trans-1,3-Dichloropropene	7.590	75	42741	4.619	ug/L		96
45) 1,1,2-Trichloroethane	7.780	97	25186	4.347	ug/L		95
47) Tetrachloroethene	7.912	164	33952	4.435	ug/L		92
48) 2-Hexanone	8.088	43	125385	52.419	ug/L		92
49) Dibromochloromethane	8.185	129	31704	4.676	ug/L		99
50) 1,2-Dibromoethane	8.294	107	21971	4.064	ug/L	#	97
51) Chlorobenzene	8.821	112	102909	4.427	ug/L		99
52) Ethylbenzene	8.953	91	165687	4.416	ug/L		99
53) m,p-Xylene	9.082	106	65951	4.574	ug/L		98
54) o-Xylene	9.487	106	64095	4.654	ug/L		98
55) Styrene	9.503	104	113811	4.969	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.188	83	28540	4.404	ug/L		98
59) Bromoform	9.674	173	20700	5.080	ug/L		99
60) Isopropylbenzene	9.876	105	180568	4.616	ug/L		99
61) 1,2,3-Trichloropropane	10.220	75	19484	4.282	ug/L		94
62) 1,3,5-Trimethylbenzene	10.484	105	148419	4.619	ug/L		97
63) 1,2,4-Trimethylbenzene	10.860	105	155283	4.724	ug/L		99
64) 1,3-Dichlorobenzene	11.127	146	95222	4.675	ug/L		99
65) 1,4-Dichlorobenzene	11.217	146	95291	4.637	ug/L		99
67) 1,2-Dichlorobenzene	11.590	146	86588	4.815	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.374	75	5247	5.163	ug/L		91
69) 1,3,5-Trichlorobenzene	12.593	180	77645	4.637	ug/L		98
70) 1,2,4-trichlorobenzene	13.207	180	62882	4.636	ug/L		97
71) Naphthalene	13.448	128	84258	4.754	ug/L		99
72) 1,2,3-Trichlorobenzene	13.689	180	51601	4.621	ug/L		100

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

