

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031337.D
 Acq On : 05 Jun 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Quant Time: Jun 06 01:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 03 01:29:56 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	132360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	134380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	73825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	51011	3.789	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.532	69	44854	3.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.060	65	27159	4.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	133599m	42.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.740%
24) Chloroform-d	4.253	84	108625	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	54676	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.963	84	192128	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.995	67	60815	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.246	98	185039	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.558	79	23066	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.034	63	93068	46.118	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.240%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	46890	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	59539	4.276	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	79943	4.476	ug/L	100
3) Chloromethane	1.214	50	72661	4.117	ug/L	98
5) Vinyl chloride	1.282	62	74426	4.219	ug/L	96
6) Bromomethane	1.487	94	39212	3.877	ug/L	98
8) Chloroethane	1.549	64	45457	4.133	ug/L	99
9) Trichlorofluoromethane	1.712	101	118748	4.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	64060	4.460	ug/L	95
12) 1,1-Dichloroethene	2.069	96	55273	4.470	ug/L	98
13) Acetone	2.163	43	180588	50.145	ug/L	88
14) Carbon disulfide	2.240	76	162210	4.425	ug/L	100
15) Methyl Acetate	2.391	43	28423	4.063	ug/L	99
16) Methylene chloride	2.449	84	61416	4.085	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	122945	4.363	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	52166	4.448	ug/L	98
19) 1,1-Dichloroethane	3.114	63	115668	4.441	ug/L	99
21) 2-Butanone	3.909	43	201209m	42.960	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	55558	4.675	ug/L	99
23) Bromochloromethane	4.153	128	25313	4.506	ug/L	93
25) Chloroform	4.282	83	117156	4.301	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
 Data File : VV031337.D
 Acq On : 05 Jun 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005363

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 06 01:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 03 01:29:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	75203	4.750	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	105488	4.722	ug/L	99
30) Cyclohexane	4.587	56	91451	4.508	ug/L	94
31) Carbon tetrachloride	4.738	117	97021	4.869	ug/L	100
33) Benzene	5.015	78	224692	4.698	ug/L	100
34) Trichloroethene	5.835	95	59195	4.583	ug/L	97
35) Methylcyclohexane	6.053	83	88816	4.619	ug/L	98
37) 1,2-Dichloropropane	6.098	63	62330	4.429	ug/L	98
38) Bromodichloromethane	6.439	83	82401	4.579	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	81882	4.432	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	379044	45.899	ug/L	98
42) Toluene	7.320	91	247183	4.871	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	75098	4.726	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	41980	4.394	ug/L	96
47) Tetrachloroethene	7.908	164	49119	4.880	ug/L	97
48) 2-Hexanone	8.085	43	328354	50.065	ug/L	99
49) Dibromochloromethane	8.182	129	50516	4.735	ug/L	100
50) 1,2-Dibromoethane	8.288	107	40505	4.584	ug/L	94
51) Chlorobenzene	8.818	112	148673	4.703	ug/L	99
52) Ethylbenzene	8.950	91	253143	4.769	ug/L	97
53) m,p-Xylene	9.079	106	96089	5.032	ug/L	95
54) o-Xylene	9.484	106	89754	5.015	ug/L	97
55) Styrene	9.500	104	162861	5.116	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	49846	4.377	ug/L	97
59) Bromoform	9.670	173	29382	4.940	ug/L	97
60) Isopropylbenzene	9.873	105	252259	4.757	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36550	4.053	ug/L	97
62) 1,3,5-Trimethylbenzene	10.481	105	199600	4.645	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	211066	4.759	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	125595	4.890	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	124107	4.614	ug/L	96
67) 1,2-Dichlorobenzene	11.587	146	114422	4.644	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	8039	3.886	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	93548	4.902	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	69944	4.570	ug/L	96
71) Naphthalene	13.448	128	88994	3.790	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	60448	4.403	ug/L	98

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

