

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026708.D
 Acq On : 08 Jul 2022 20:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2022
 Supervised By : Mahesh Dadoda 07/12/2022

Quant Time: Jul 08 23:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	237216	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.866	117	172853	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.252	152	91708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	54941	2.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.580	69	51927	3.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.121	63	106567	3.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.969	46	146426	77.202	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.400%#
24) Chloroform-d	4.368	84	129955	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.040	65	58323	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.043	84	238285	4.799	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.072	67	69080m	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.342	98	187103	4.191	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.651	79	15961	4.523	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.120	63	66678	49.604	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.200%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	50525	5.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	65300	4.303	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.150	85	60128	3.329	ug/L	99
3) Chloromethane	1.256	50	67596	3.422	ug/L	99
5) Vinyl chloride	1.323	62	76154	3.621	ug/L	96
6) Bromomethane	1.535	94	38350	3.368	ug/L	96
8) Chloroethane	1.596	64	78609m	5.495	ug/L	
9) Trichlorofluoromethane	1.764	101	114817	3.914	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	69986	4.027	ug/L	99
12) 1,1-Dichloroethene	2.127	96	61836	3.860	ug/L	99
13) Acetone	2.233	43	74854	62.211	ug/L	95
14) Carbon disulfide	2.301	76	145996	3.454	ug/L	99
15) Methyl Acetate	2.465	43	21206	6.112	ug/L	98
16) Methylene chloride	2.516	84	95528	5.617	ug/L	97
17) Methyl tert-butyl Ether	2.796	73	139849	5.355	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	67781	4.147	ug/L	97
19) 1,1-Dichloroethane	3.207	63	134476	4.581	ug/L	99
21) 2-Butanone	4.056	43	134551	74.333	ug/L	98
22) cis-1,2-Dichloroethene	3.931	96	77691	4.786	ug/L	95
23) Bromochloromethane	4.265	128	29643	4.434	ug/L	93
25) Chloroform	4.394	83	141775	4.515	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026708.D
 Acq On : 08 Jul 2022 20:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Jul 08 23:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2022
 Supervised By : Mahesh Dadoda 07/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	73212	5.239	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	123617	5.812	ug/L	99
30) Cyclohexane	4.670	56	104251	6.191	ug/L	95
31) Carbon tetrachloride	4.821	117	99893	5.599	ug/L	99
33) Benzene	5.091	78	290259	5.751	ug/L	100
34) Trichloroethene	5.902	95	64977	4.897	ug/L	96
35) Methylcyclohexane	6.114	83	85369	4.349	ug/L	97
37) 1,2-Dichloropropane	6.175	63	62544	5.141	ug/L	99
38) Bromodichloromethane	6.516	83	79147	5.512	ug/L #	98
39) cis-1,3-Dichloropropene	7.059	75	59676	4.881	ug/L	98
40) 4-Methyl-2-pentanone	7.275	43	232719	56.639	ug/L	99
42) Toluene	7.413	91	271220	5.206	ug/L	99
44) trans-1,3-Dichloropropene	7.677	75	48313	5.313	ug/L	95
45) 1,1,2-Trichloroethane	7.863	97	45758	5.965	ug/L	99
47) Tetrachloroethene	7.992	164	51762	4.900	ug/L	96
48) 2-Hexanone	8.169	43	173918	60.807	ug/L	97
49) Dibromochloromethane	8.265	129	46010	5.924	ug/L	95
50) 1,2-Dibromoethane	8.371	107	39081	5.730	ug/L	91
51) Chlorobenzene	8.895	112	168418	4.935	ug/L	98
52) Ethylbenzene	9.024	91	245132	4.549	ug/L	99
53) m,p-Xylene	9.149	106	99167	4.718	ug/L	100
54) o-Xylene	9.551	106	94756	4.802	ug/L	96
55) Styrene	9.567	104	167135	5.114	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	51063	5.961	ug/L	99
59) Bromoform	9.741	173	18887	5.589	ug/L	96
60) Isopropylbenzene	9.937	105	254179	4.494	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	33194	5.590	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	182630	4.085	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	187273	4.248	ug/L	99
64) 1,3-Dichlorobenzene	11.184	146	132399	4.813	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	129855	4.754	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	117651	5.026	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5621	5.278	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	86716	4.384	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	60011	4.296	ug/L	100
71) Naphthalene	13.499	128	77929	4.276	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	51834	4.534	ug/L	99

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

