

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023394.D
 Acq On : 11 Nov 2021 17:46
 Operator : SY/MD
 Sample : M4580-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8G2MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 12 02:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30361	3.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	25620	4.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.108	63	64178	4.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	3.915	46	48966	36.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.260%
24) Chloroform-d	4.349	84	68485	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.037	65	32684	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	133816	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.069	67	39713	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.317	98	129410	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.625	79	15498	4.419	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.092	63	58198	45.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28082	4.222	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48054	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	56902	4.711	ug/L	100
3) Chloromethane	1.240	50	51860	5.050	ug/L	98
5) Vinyl chloride	1.311	62	51423	5.014	ug/L	98
6) Bromomethane	1.520	94	29773	4.542	ug/L	97
8) Chloroethane	1.584	64	29246	4.942	ug/L	96
9) Trichlorofluoromethane	1.751	101	77804	5.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	37577	4.844	ug/L	94
12) 1,1-Dichloroethene	2.118	96	37356	5.058	ug/L	86
13) Acetone	2.195	43	46178m	56.534	ug/L	
14) Carbon disulfide	2.294	76	135405	4.858	ug/L	99
15) Methyl Acetate	2.442	43	11406	4.934	ug/L	97
16) Methylene chloride	2.507	84	43949	4.077	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	84443	5.194	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	46249	5.094	ug/L	99
19) 1,1-Dichloroethane	3.188	63	78490	5.120	ug/L	97
21) 2-Butanone	3.995	43	53960	40.860	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	46119	5.278	ug/L #	92
23) Bromochloromethane	4.249	128	20916	5.191	ug/L	83
25) Chloroform	4.375	83	85367	5.224	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VV023394.D
 Acq On : 11 Nov 2021 17:46
 Operator : SY/MD
 Sample : M4580-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8G2MS

Quant Time: Nov 12 02:06:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	44457	5.115	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	76184	5.123	ug/L	100
30) Cyclohexane	4.680	56	66829	5.015	ug/L	98
31) Carbon tetrachloride	4.828	117	69084	5.172	ug/L	97
33) Benzene	5.101	78	176408	5.154	ug/L	100
34) Trichloroethene	5.915	95	47174	5.183	ug/L	98
35) Methylcyclohexane	6.133	83	70812	4.929	ug/L	97
37) 1,2-Dichloropropane	6.175	63	40519	5.071	ug/L	98
38) Bromodichloromethane	6.510	83	55379	5.172	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	58694	5.107	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	217802	58.776	ug/L	98
42) Toluene	7.387	91	197039	5.383	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	48863	5.124	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29205	5.087	ug/L	96
47) Tetrachloroethene	7.976	164	115678	14.666	ug/L	98
48) 2-Hexanone	8.143	43	157866	60.798	ug/L	99
49) Dibromochloromethane	8.246	129	38978	5.359	ug/L	95
50) 1,2-Dibromoethane	8.355	107	28334	5.326	ug/L #	98
51) Chlorobenzene	8.883	112	123206	5.064	ug/L	99
52) Ethylbenzene	9.011	91	201607	5.222	ug/L	97
53) m,p-xylene	9.140	106	79587	5.253	ug/L	99
54) o-xylene	9.545	106	76145	5.357	ug/L	100
55) Styrene	9.561	104	131129	5.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	33941	5.396	ug/L	98
59) Bromoform	9.731	173	20950	5.450	ug/L	99
60) Isopropylbenzene	9.931	105	201330	5.452	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24429	5.715	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	162939	5.321	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	169513	5.562	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	100341	5.318	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	98436	5.108	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	91804	5.437	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5011	5.502	ug/L	86
69) 1,3,5-Trichlorobenzene	12.645	180	74139	5.018	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	58404	4.937	ug/L	97
71) Naphthalene	13.503	128	84866	4.865	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	52515	5.073	ug/L	99

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

