

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051723\
 Data File : VW031064.D
 Acq On : 17 May 2023 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

Quant Time: May 18 02:40:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	143801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	139456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	85302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	40499	3.418	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.535	69	41409	4.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.063	65	23697	3.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.834	46	104140	49.568	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.140%
24) Chloroform-d	4.255	84	109327	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	57133	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.966	84	181378	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.995	67	52272	4.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.249	98	170972	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.558	79	20704	4.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.033	63	77695	49.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.540%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	42521	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	65592	4.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	52654	4.635	ug/L	100
3) Chloromethane	1.217	50	56738	4.256	ug/L	98
5) Vinyl chloride	1.285	62	51863	4.648	ug/L	98
6) Bromomethane	1.490	94	25092	4.721	ug/L	100
8) Chloroethane	1.555	64	32636	4.805	ug/L	95
9) Trichlorofluoromethane	1.715	101	105958	5.147	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	55606	5.291	ug/L	98
12) 1,1-Dichloroethene	2.072	96	49318	5.096	ug/L	90
13) Acetone	2.166	43	94856	52.856	ug/L	97
14) Carbon disulfide	2.246	76	103001	4.068	ug/L	98
15) Methyl Acetate	2.394	43	22593m	6.188	ug/L	
16) Methylene chloride	2.455	84	49748	4.544	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	95466	5.182	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	43497	4.921	ug/L	98
19) 1,1-Dichloroethane	3.117	63	90584	5.307	ug/L	99
21) 2-Butanone	3.921	43	97705	49.503	ug/L	86
22) cis-1,2-Dichloroethene	3.821	96	47080	5.048	ug/L	100
23) Bromochloromethane	4.159	128	23682	5.393	ug/L	94
25) Chloroform	4.284	83	104100	5.684	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	61987	5.393	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	97835	5.583	ug/L	98
30) Cyclohexane	4.590	56	61787	4.668	ug/L	98
31) Carbon tetrachloride	4.741	117	88810	5.642	ug/L	98
33) Benzene	5.018	78	187967	5.358	ug/L	100
34) Trichloroethene	5.837	95	48809	5.220	ug/L	98
35) Methylcyclohexane	6.059	83	68901	4.755	ug/L	99
37) 1,2-Dichloropropane	6.101	63	47134	5.665	ug/L	98
38) Bromodichloromethane	6.439	83	68940	5.661	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	59058	4.739	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	249477	57.869	ug/L	97
42) Toluene	7.320	91	214192	5.672	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	58239	5.485	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	34823	5.641	ug/L	98
47) Tetrachloroethene	7.911	164	47187	5.290	ug/L	95
48) 2-Hexanone	8.085	43	198820	60.129	ug/L	99
49) Dibromochloromethane	8.181	129	45649	5.877	ug/L	97
50) 1,2-Dibromoethane	8.291	107	31403	5.703	ug/L	99
51) Chlorobenzene	8.821	112	138760	5.419	ug/L	99
52) Ethylbenzene	8.953	91	221725	5.385	ug/L	99
53) m,p-Xylene	9.078	106	88268	5.372	ug/L	99
54) o-Xylene	9.484	106	83933	5.367	ug/L	97
55) Styrene	9.503	104	147026	5.572	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	40459	5.863	ug/L	98
59) Bromoform	9.670	173	28098	5.596	ug/L	96
60) Isopropylbenzene	9.873	105	234738	5.104	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	29118	5.434	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	189304	5.056	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	191530	5.049	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	126330	5.349	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	124238	5.214	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	111402	5.245	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	6496	4.776	ug/L #	87
69) 1,3,5-Trichlorobenzene	12.590	180	96914	5.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	73949	5.146	ug/L	99
71) Naphthalene	13.448	128	89538	4.345	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	61158	5.027	ug/L	100

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

