

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051123\
 Data File : VW031010.D
 Acq On : 11 May 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 12 09:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	127643	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	127457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	47883	4.553	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.536	69	43212	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.063	65	26289	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.844	46	77884	41.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	4.256	84	105294	5.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.950	65	52150	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	4.966	84	182708	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.992	67	50349	4.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.249	98	175205	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.561	79	17877	4.390	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.037	63	59391	41.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.260%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38209	4.852	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	61742	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46731	4.634	ug/L	99
3) Chloromethane	1.217	50	49268	4.163	ug/L	98
5) Vinyl chloride	1.285	62	46012	4.646	ug/L	100
6) Bromomethane	1.491	94	22317	4.731	ug/L	99
8) Chloroethane	1.552	64	27475	4.558	ug/L	100
9) Trichlorofluoromethane	1.716	101	90124	4.932	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	46175	4.950	ug/L	98
12) 1,1-Dichloroethene	2.072	96	40283	4.689	ug/L	97
13) Acetone	2.169	43	72492m	45.508	ug/L	
14) Carbon disulfide	2.243	76	91564	4.074	ug/L	98
15) Methyl Acetate	2.400	43	13314	4.108	ug/L #	89
16) Methylene chloride	2.452	84	39060	4.020	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	78671	4.811	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	37081	4.726	ug/L	94
19) 1,1-Dichloroethane	3.114	63	74938	4.946	ug/L	99
21) 2-Butanone	3.915	43	81881m	46.737	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	39156	4.730	ug/L	97
23) Bromochloromethane	4.153	128	19981	5.126	ug/L #	87
25) Chloroform	4.285	83	83852	5.158	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	51019	5.001	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	80450	5.023	ug/L	98
30) Cyclohexane	4.590	56	49979	4.132	ug/L	97
31) Carbon tetrachloride	4.738	117	72692	5.053	ug/L	98
33) Benzene	5.014	78	152960	4.771	ug/L	100
34) Trichloroethene	5.838	95	41480	4.854	ug/L	99
35) Methylcyclohexane	6.056	83	56083	4.235	ug/L	100
37) 1,2-Dichloropropane	6.098	63	40032	5.264	ug/L	98
38) Bromodichloromethane	6.439	83	57303	5.148	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	52771	4.633	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	192181	48.775	ug/L	99
42) Toluene	7.320	91	176192	5.105	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46891	4.832	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29255	5.185	ug/L	96
47) Tetrachloroethene	7.911	164	39548	4.851	ug/L	96
48) 2-Hexanone	8.088	43	149782	49.563	ug/L	97
49) Dibromochloromethane	8.185	129	37731	5.315	ug/L	97
50) 1,2-Dibromoethane	8.291	107	25183	5.004	ug/L #	96
51) Chlorobenzene	8.821	112	114638	4.899	ug/L	99
52) Ethylbenzene	8.953	91	175778	4.671	ug/L	95
53) m,p-Xylene	9.079	106	70582	4.700	ug/L	98
54) o-Xylene	9.484	106	66218	4.633	ug/L	96
55) Styrene	9.503	104	114461	4.746	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	32139	5.096	ug/L	98
59) Bromoform	9.670	173	22930	5.422	ug/L	100
60) Isopropylbenzene	9.873	105	188157	4.857	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	22021	4.879	ug/L	98
62) 1,3,5-Trimethylbenzene	10.481	105	145620	4.618	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	144620	4.526	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	96194	4.835	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	97133	4.840	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	87769	4.906	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	5707	4.982	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	73271	4.652	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	50144	4.143	ug/L	98
71) Naphthalene	13.448	128	55885	3.220	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.686	180	42003	4.099	ug/L	99

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

