

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031041.D
 Acq On : 16 May 2023 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 01:32:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:40:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	119381	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	114934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	64383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36060	3.666	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	73.400%		
7) Chloroethane-d5	1.536	69	34793	4.336	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.800%		
11) 1,1-Dichloroethene-d2	2.063	65	20231	3.887	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	77.800%		
20) 2-Butanone-d5	3.847	46	74525	42.728	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	85.460%		
24) Chloroform-d	4.259	84	92058	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	4.953	65	46640	4.693	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	4.966	84	152002	4.512	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	5.995	67	42733	4.362	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	87.200%		
41) Toluene-d8	7.249	98	139817	4.358	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.200%		
43) trans-1,3-Dichloroprop...	7.561	79	14364	3.912	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	78.200%		
46) 2-Hexanone-d5	8.037	63	58983	45.845	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	91.680%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35625	5.017	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	100.400%		
66) 1,2-Dichlorobenzene-d4	11.567	152	51482	4.290	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	39355	4.173	ug/L	100
3) Chloromethane	1.214	50	44084	3.983	ug/L	99
5) Vinyl chloride	1.285	62	42595	4.598	ug/L	98
6) Bromomethane	1.490	94	18728	4.245	ug/L	95
8) Chloroethane	1.552	64	24758	4.391	ug/L	97
9) Trichlorofluoromethane	1.716	101	79069	4.627	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	40904	4.689	ug/L	99
12) 1,1-Dichloroethene	2.072	96	37948	4.723	ug/L	83
13) Acetone	2.166	43	55445m	37.215	ug/L	
14) Carbon disulfide	2.243	76	79068	3.761	ug/L	99
15) Methyl Acetate	2.397	43	14098	4.651	ug/L #	92
16) Methylene chloride	2.452	84	64716	7.121	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	75830	4.958	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	32800	4.470	ug/L	98
19) 1,1-Dichloroethane	3.117	63	70797	4.996	ug/L	99
21) 2-Butanone	3.928	43	76712m	46.817	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	36717	4.742	ug/L	99
23) Bromochloromethane	4.159	128	18904	5.186	ug/L	95
25) Chloroform	4.285	83	80661	5.305	ug/L	95

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	48645	5.098	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	72133	4.995	ug/L	100
30) Cyclohexane	4.587	56	44537	4.083	ug/L	99
31) Carbon tetrachloride	4.741	117	64877	5.001	ug/L	99
33) Benzene	5.018	78	142858	4.941	ug/L	100
34) Trichloroethene	5.841	95	37338	4.845	ug/L	97
35) Methylcyclohexane	6.056	83	48022	4.021	ug/L	99
37) 1,2-Dichloropropane	6.101	63	37130	5.415	ug/L #	97
38) Bromodichloromethane	6.439	83	52976	5.278	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	46719	4.549	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	186488	52.487	ug/L	99
42) Toluene	7.320	91	160083	5.143	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	41737	4.769	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	26861	5.279	ug/L	96
47) Tetrachloroethene	7.911	164	33973	4.621	ug/L	97
48) 2-Hexanone	8.088	43	138823	50.942	ug/L	95
49) Dibromochloromethane	8.185	129	34334	5.364	ug/L	97
50) 1,2-Dibromoethane	8.291	107	24620	5.425	ug/L	99
51) Chlorobenzene	8.821	112	103592	4.909	ug/L	98
52) Ethylbenzene	8.953	91	162174	4.779	ug/L	97
53) m,p-Xylene	9.079	106	65018	4.801	ug/L	98
54) o-Xylene	9.484	106	62855	4.877	ug/L	99
55) Styrene	9.503	104	108726	5.000	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	31105	5.469	ug/L	97
59) Bromoform	9.670	173	21613	5.703	ug/L	98
60) Isopropylbenzene	9.873	105	167882	4.836	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	21300	5.266	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	132086	4.674	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	128316	4.482	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	87332	4.899	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	86608	4.815	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	80727	5.036	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	4630	4.510	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.590	180	66449	4.707	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	50140	4.622	ug/L	99
71) Naphthalene	13.448	128	61967	3.984	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	42409	4.619	ug/L	98

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

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