

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030511.D
 Acq On : 12 Apr 2023 10:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

Quant Time: Apr 13 02:37:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 12 05:00:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126411	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34047	3.981	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	79.600%		
7) Chloroethane-d5	1.535	69	31660	3.815	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.200%		
11) 1,1-Dichloroethene-d2	2.063	63	90403	4.455	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.000%		
20) 2-Butanone-d5	3.834	46	86158m	38.977	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	77.960%		
24) Chloroform-d	4.259	84	88188	4.260	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.200%		
26) 1,2-Dichloroethane-d4	4.953	65	42745	4.377	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.600%		
32) Benzene-d6	4.966	84	158114	4.439	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.800%		
36) 1,2-Dichloropropane-d6	5.995	67	46560	4.175	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.400%		
41) Toluene-d8	7.249	98	157193	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.200%		
43) trans-1,3-Dichloroprop...	7.561	79	17921	4.268	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.400%		
46) 2-Hexanone-d5	8.037	63	68182	40.410	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	80.820%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34238	3.895	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	78.000%		
66) 1,2-Dichlorobenzene-d4	11.570	152	55942	4.318	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	70566	4.299	ug/L	98
3) Chloromethane	1.214	50	82025	3.960	ug/L	99
5) Vinyl chloride	1.285	62	67571	4.475	ug/L	100
6) Bromomethane	1.490	94	23940	5.558	ug/L	98
8) Chloroethane	1.552	64	40818	4.719	ug/L	99
9) Trichlorofluoromethane	1.715	101	108597	4.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	58663	4.828	ug/L	98
12) 1,1-Dichloroethene	2.072	96	51431	4.767	ug/L	91
13) Acetone	2.179	43	108734m	51.440	ug/L	
14) Carbon disulfide	2.243	76	159203	4.480	ug/L	100
15) Methyl Acetate	2.394	43	17342	4.591	ug/L	93
16) Methylene chloride	2.452	84	57061	4.471	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	113306	4.958	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	52323	4.603	ug/L	98
19) 1,1-Dichloroethane	3.117	63	101960	4.627	ug/L	97
21) 2-Butanone	3.915	43	127726	48.008	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	55839	4.895	ug/L	94
23) Bromochloromethane	4.156	128	24823	4.659	ug/L	98
25) Chloroform	4.285	83	110607	4.967	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	67187	4.990	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	99788	4.911	ug/L	99
30) Cyclohexane	4.590	56	85389	4.613	ug/L	100
31) Carbon tetrachloride	4.744	117	90073	4.886	ug/L	99
33) Benzene	5.018	78	218524	4.867	ug/L	100
34) Trichloroethene	5.838	95	58278	4.813	ug/L	98
35) Methylcyclohexane	6.056	83	91051	4.790	ug/L	98
37) 1,2-Dichloropropane	6.101	63	54996	4.771	ug/L	99
38) Bromodichloromethane	6.439	83	75341	4.991	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	76554	4.723	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	307300	50.593	ug/L	97
42) Toluene	7.323	91	242145	5.063	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	65119	4.722	ug/L	93
45) 1,1,2-Trichloroethane	7.776	97	38806	4.781	ug/L	98
47) Tetrachloroethene	7.911	164	51273	4.798	ug/L	97
48) 2-Hexanone	8.085	43	241387	53.064	ug/L	97
49) Dibromochloromethane	8.185	129	46289	4.791	ug/L	98
50) 1,2-Dibromoethane	8.291	107	35513	4.810	ug/L	96
51) Chlorobenzene	8.821	112	154257	5.038	ug/L	98
52) Ethylbenzene	8.953	91	258795	4.946	ug/L	98
53) m,p-Xylene	9.082	106	101688	5.077	ug/L	97
54) o-Xylene	9.487	106	97938	5.110	ug/L	97
55) Styrene	9.503	104	171830	5.279	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	42888	4.452	ug/L	99
59) Bromoform	9.673	173	29067	4.961	ug/L	99
60) Isopropylbenzene	9.876	105	259230	4.849	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	29846	4.605	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	210697	4.830	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	220480	4.959	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	133482	5.007	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	133080	4.955	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	118081	4.915	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	6835	4.240	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	103252	5.030	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	79217	4.998	ug/L	99
71) Naphthalene	13.448	128	107248	4.738	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	67931	4.948	ug/L	100

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

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