

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030407.D
 Acq On : 06 Apr 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Apr 07 04:49:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	142414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40667	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	39005	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	63	103079	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.851	46	99864	40.963	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.259	84	105364	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.953	65	51120	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.969	84	187803	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.995	67	54748	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.249	98	177867	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.561	79	19969	4.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.037	63	81090	43.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42531	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	66907	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	78459	4.334	ug/L	99
3) Chloromethane	1.214	50	91901	4.023	ug/L	99
5) Vinyl chloride	1.285	62	71151	4.272	ug/L	98
6) Bromomethane	1.491	94	21767	4.582	ug/L	99
8) Chloroethane	1.552	64	42522	4.457	ug/L	99
9) Trichlorofluoromethane	1.716	101	113838	4.689	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	59472	4.438	ug/L	99
12) 1,1-Dichloroethene	2.072	96	53700	4.513	ug/L	96
13) Acetone	2.188	43	105447m	45.231	ug/L	
14) Carbon disulfide	2.243	76	170058	4.339	ug/L	99
15) Methyl Acetate	2.397	43	17920	4.301	ug/L #	84
16) Methylene chloride	2.452	84	62199	4.419	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	111783	4.435	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	55021	4.389	ug/L	98
19) 1,1-Dichloroethane	3.117	63	109024	4.486	ug/L	99
21) 2-Butanone	3.915	43	122867	41.873	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	56745	4.510	ug/L	100
23) Bromochloromethane	4.156	128	25752	4.383	ug/L	95
25) Chloroform	4.285	83	111856	4.555	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	67590	4.552	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	104329	4.684	ug/L	99
30) Cyclohexane	4.590	56	91452	4.507	ug/L	99
31) Carbon tetrachloride	4.741	117	94778	4.690	ug/L	100
33) Benzene	5.018	78	231800	4.709	ug/L	100
34) Trichloroethene	5.841	95	58577	4.413	ug/L	97
35) Methylcyclohexane	6.059	83	94039	4.513	ug/L	99
37) 1,2-Dichloropropane	6.101	63	57778	4.573	ug/L	99
38) Bromodichloromethane	6.439	83	76728	4.637	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	79144	4.454	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	311191	46.737	ug/L	97
42) Toluene	7.323	91	253351	4.833	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	67327	4.453	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	39277	4.415	ug/L	95
47) Tetrachloroethene	7.911	164	55401	4.729	ug/L	98
48) 2-Hexanone	8.088	43	250741	50.282	ug/L	100
49) Dibromochloromethane	8.185	129	49394	4.664	ug/L	99
50) 1,2-Dibromoethane	8.291	107	36502	4.510	ug/L	99
51) Chlorobenzene	8.821	112	160353	4.777	ug/L	99
52) Ethylbenzene	8.953	91	266865	4.653	ug/L	100
53) m,p-Xylene	9.079	106	103021	4.692	ug/L	100
54) o-Xylene	9.487	106	96713	4.603	ug/L	100
55) Styrene	9.503	104	171715	4.812	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	45984	4.354	ug/L	99
59) Bromoform	9.673	173	29235	4.469	ug/L	96
60) Isopropylbenzene	9.876	105	273443	4.581	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	31910	4.410	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	217721	4.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	225108	4.535	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	139032	4.671	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	140783	4.695	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	124499	4.642	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	7360	4.089	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	106898	4.665	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	82475	4.661	ug/L	100
71) Naphthalene	13.448	128	108053	4.276	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	67868	4.428	ug/L	97

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

