

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030323\
 Data File : VW030141.D
 Acq On : 03 Mar 2023 17:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Quant Time: Mar 03 22:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 03 22:25:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/06/2023
 Supervised By :Mahesh Dadoda 03/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	137737	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	133390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35106	3.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.535	69	38309	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.066	63	84236	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.857	46	86073	52.383	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	4.262	84	91813	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	4.957	65	39281	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	4.973	84	157960	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.998	67	51926	4.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.252	98	151174	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.564	79	16717	4.525	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.040	63	82989	54.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.600%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	43807	5.703	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	58436	4.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61727	5.508	ug/L	99
3) Chloromethane	1.217	50	87346	4.946	ug/L	100
5) Vinyl chloride	1.285	62	63250	5.389	ug/L	99
6) Bromomethane	1.490	94	12339	5.857	ug/L	93
8) Chloroethane	1.552	64	39408	5.511	ug/L	98
9) Trichlorofluoromethane	1.719	101	94401	5.606	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	58131	5.567	ug/L	98
12) 1,1-Dichloroethene	2.076	96	51157	5.534	ug/L	90
13) Acetone	2.172	43	58415m	48.099	ug/L	
14) Carbon disulfide	2.246	76	129290	5.228	ug/L	99
15) Methyl Acetate	2.397	43	13784	4.860	ug/L	98
16) Methylene chloride	2.455	84	52687	4.666	ug/L	98
17) Methyl tert-butyl Ether	2.715	73	93501	5.173	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	47328	5.382	ug/L	99
19) 1,1-Dichloroethane	3.121	63	92078	5.621	ug/L	99
21) 2-Butanone	3.928	43	79319	48.563	ug/L #	70
22) cis-1,2-Dichloroethene	3.828	96	49576	5.101	ug/L	98
23) Bromochloromethane	4.162	128	23874	5.748	ug/L	97
25) Chloroform	4.288	83	98033	5.753	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	50791	5.699	ug/L	100
29) 1,1,1-Trichloroethane	4.526	97	87098	5.558	ug/L	100
30) Cyclohexane	4.596	56	64593	4.771	ug/L	98
31) Carbon tetrachloride	4.747	117	77315	5.490	ug/L	97
33) Benzene	5.021	78	195158	5.357	ug/L	100
34) Trichloroethene	5.841	95	52350	5.128	ug/L	98
35) Methylcyclohexane	6.059	83	74402	4.816	ug/L	99
37) 1,2-Dichloropropane	6.104	63	51009	5.504	ug/L	100
38) Bromodichloromethane	6.442	83	67524	5.707	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	68585	5.055	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	211860	55.397	ug/L	98
42) Toluene	7.323	91	216595	5.489	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	57558	5.435	ug/L	97
45) 1,1,2-Trichloroethane	7.780	97	37479	5.652	ug/L	96
47) Tetrachloroethene	7.915	164	46183	5.271	ug/L	97
48) 2-Hexanone	8.088	43	159598	58.293	ug/L	99
49) Dibromochloromethane	8.185	129	44439	5.727	ug/L	100
50) 1,2-Dibromoethane	8.291	107	34761	5.618	ug/L	99
51) Chlorobenzene	8.821	112	140573	5.283	ug/L	99
52) Ethylbenzene	8.956	91	221129	5.150	ug/L	100
53) m,p-Xylene	9.082	106	87094	5.277	ug/L	98
54) o-Xylene	9.487	106	79606	5.050	ug/L	95
55) Styrene	9.506	104	144909	5.528	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	45033	6.071	ug/L	98
59) Bromoform	9.677	173	26353	5.474	ug/L	99
60) Isopropylbenzene	9.876	105	225930	4.889	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	29568	5.500	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	178685	4.707	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	184443	4.749	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	123245	5.122	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	119339	4.915	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	108488	5.106	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	6090	5.072	ug/L	99
69) 1,3,5-Trichlorobenzene	12.593	180	92112	4.656	ug/L	100
70) 1,2,4-trichlorobenzene	13.210	180	71338	4.451	ug/L	98
71) Naphthalene	13.448	128	90638	4.328	ug/L	100
72) 1,2,3-Trichlorobenzene	13.692	180	61053	4.628	ug/L	98

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

