

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030304.D
 Acq On : 23 Mar 2023 11:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 24 02:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:42:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	154839	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47384	4.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.535	69	44134	4.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.066	63	112134	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.847	46	113013	42.636	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.280%
24) Chloroform-d	4.262	84	115207	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.953	65	54619	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.969	84	210763	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	5.998	67	62792	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.252	98	191026	5.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
43) trans-1,3-Dichloroprop...	7.561	79	24065	5.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.037	63	96245	50.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	47208	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	72091	5.065	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	91007	4.623	ug/L	99
3) Chloromethane	1.217	50	112808	4.542	ug/L	98
5) Vinyl chloride	1.285	62	84088	4.644	ug/L	99
6) Bromomethane	1.490	94	22909	4.436	ug/L	100
8) Chloroethane	1.552	64	48085	4.636	ug/L	97
9) Trichlorofluoromethane	1.716	101	122004	4.622	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	65797	4.516	ug/L	98
12) 1,1-Dichloroethene	2.072	96	59686	4.613	ug/L	97
13) Acetone	2.185	43	104859m	41.370	ug/L	
14) Carbon disulfide	2.243	76	202890	4.761	ug/L	100
15) Methyl Acetate	2.397	43	22671	5.005	ug/L #	78
16) Methylene chloride	2.452	84	74199	4.849	ug/L	96
17) Methyl tert-butyl Ether	2.715	73	131436	4.797	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	63429	4.654	ug/L	100
19) 1,1-Dichloroethane	3.117	63	122978	4.654	ug/L	97
21) 2-Butanone	3.924	43	132063	41.396	ug/L	84
22) cis-1,2-Dichloroethene	3.825	96	65474	4.787	ug/L	98
23) Bromochloromethane	4.159	128	30310	4.745	ug/L	98
25) Chloroform	4.288	83	124657	4.669	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	74666	4.625	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	113682	4.975	ug/L	100
30) Cyclohexane	4.593	56	109758	5.273	ug/L	99
31) Carbon tetrachloride	4.744	117	104074	5.019	ug/L	99
33) Benzene	5.021	78	261687	5.182	ug/L	100
34) Trichloroethene	5.841	95	67213	4.935	ug/L	97
35) Methylcyclohexane	6.059	83	109975	5.145	ug/L	99
37) 1,2-Dichloropropane	6.101	63	65225	5.031	ug/L	100
38) Bromodichloromethane	6.442	83	85376	5.029	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	92049	5.049	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	345763	50.615	ug/L	99
42) Toluene	7.323	91	282016	5.243	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	78614	5.068	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	44069	4.828	ug/L	98
47) Tetrachloroethene	7.911	164	59193	4.925	ug/L	97
48) 2-Hexanone	8.088	43	266081	52.009	ug/L	98
49) Dibromochloromethane	8.185	129	53207	4.897	ug/L	96
50) 1,2-Dibromoethane	8.291	107	41529	5.001	ug/L	98
51) Chlorobenzene	8.821	112	178704	5.189	ug/L	97
52) Ethylbenzene	8.953	91	302242	5.136	ug/L	97
53) m,p-Xylene	9.082	106	117150	5.201	ug/L	98
54) o-Xylene	9.487	106	109329	5.072	ug/L	98
55) Styrene	9.503	104	190148	5.194	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	49492	4.568	ug/L	97
59) Bromoform	9.673	173	30872	4.796	ug/L	99
60) Isopropylbenzene	9.876	105	305296	5.199	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	35899	5.042	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	243702	5.086	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	252761	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	152648	5.213	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	152067	5.154	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	135524	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8331	4.704	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	117749	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	94900	5.451	ug/L	100
71) Naphthalene	13.448	128	138184	5.558	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	84436	5.598	ug/L	99

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

