

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030916.D
 Acq On : 28 Apr 2023 12:51
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 01:01:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:55:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	150098	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	83069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	61618	4.983	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.536	69	49365	4.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.063	65	30817	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.841	46	99173	45.223	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.440%
24) Chloroform-d	4.259	84	120090	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.953	65	61901	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.970	84	213888	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.998	67	58746	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.249	98	206535	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.561	79	23995	5.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.037	63	82501	51.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	44227	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	78609	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	54049	4.558	ug/L	100
3) Chloromethane	1.217	50	62321	4.478	ug/L	99
5) Vinyl chloride	1.285	62	55387	4.756	ug/L	98
6) Bromomethane	1.491	94	24381	4.395	ug/L	96
8) Chloroethane	1.555	64	31452	4.437	ug/L	97
9) Trichlorofluoromethane	1.716	101	95177	4.429	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	47846	4.362	ug/L	97
12) 1,1-Dichloroethene	2.073	96	44464	4.402	ug/L	96
13) Acetone	2.163	43	77687m	41.473	ug/L	
14) Carbon disulfide	2.246	76	122303	4.627	ug/L	98
15) Methyl Acetate	2.397	43	20459m	5.368	ug/L	
16) Methylene chloride	2.455	84	44198	3.868	ug/L	97
17) Methyl tert-butyl Ether	2.716	73	90742	4.719	ug/L	96
18) trans-1,2-Dichloroethene	2.700	96	40992	4.443	ug/L	95
19) 1,1-Dichloroethane	3.121	63	80366	4.511	ug/L	98
21) 2-Butanone	3.912	43	99867m	48.476	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	44062	4.526	ug/L	94
23) Bromochloromethane	4.159	128	19856	4.332	ug/L	91
25) Chloroform	4.285	83	87014	4.552	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	57269	4.773	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	83823	4.653	ug/L	98
30) Cyclohexane	4.590	56	63661	4.679	ug/L	99
31) Carbon tetrachloride	4.744	117	74454	4.601	ug/L	98
33) Benzene	5.018	78	171866	4.766	ug/L	100
34) Trichloroethene	5.841	95	44909	4.672	ug/L	99
35) Methylcyclohexane	6.056	83	69584	4.671	ug/L	99
37) 1,2-Dichloropropane	6.101	63	43632	5.101	ug/L	100
38) Bromodichloromethane	6.442	83	57163	4.566	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	59116	4.614	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	222907	50.296	ug/L	98
42) Toluene	7.323	91	189756	4.887	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	52592	4.818	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	27998	4.411	ug/L	95
47) Tetrachloroethene	7.912	164	41835	4.562	ug/L	100
48) 2-Hexanone	8.088	43	172032	50.609	ug/L	97
49) Dibromochloromethane	8.185	129	37483	4.694	ug/L	96
50) 1,2-Dibromoethane	8.291	107	26924	4.756	ug/L	98
51) Chlorobenzene	8.821	112	123181	4.680	ug/L	96
52) Ethylbenzene	8.953	91	200892	4.746	ug/L	100
53) m,p-Xylene	9.079	106	77425	4.584	ug/L	97
54) o-Xylene	9.484	106	76163	4.738	ug/L	100
55) Styrene	9.503	104	131397	4.844	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	33138	4.671	ug/L	98
59) Bromoform	9.674	173	22097	4.519	ug/L	97
60) Isopropylbenzene	9.873	105	205676	4.592	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	23467	4.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	165069	4.527	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	167727	4.540	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	108252	4.706	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	109566	4.722	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	99297	4.801	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	6024	4.548	ug/L	93
69) 1,3,5-Trichlorobenzene	12.590	180	87445	4.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	69545	4.969	ug/L	97
71) Naphthalene	13.448	128	107323	5.348	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	62180	5.248	ug/L	98

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

