

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022323\
 Data File : VW030089.D
 Acq On : 23 Feb 2023 12:30
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

Quant Time: Feb 23 21:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 23 21:31:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	195949	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	177974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	100443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	67474	5.322	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.400%
7) Chloroethane-d5	1.535	69	63013	5.294	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.066	63	137322	5.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	3.841	46	113653	48.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.240%
24) Chloroform-d	4.259	84	135392	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.953	65	55986	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	4.966	84	265207	5.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	5.995	67	79258	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.249	98	251877	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
43) trans-1,3-Dichloroprop...	7.558	79	28076	5.696	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.000%
46) 2-Hexanone-d5	8.037	63	114647	56.221	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.440%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	53727	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	91802	5.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	81285	5.099	ug/L	99
3) Chloromethane	1.217	50	117455	4.675	ug/L	100
5) Vinyl chloride	1.285	62	85391	5.114	ug/L	99
6) Bromomethane	1.490	94	15526	5.181	ug/L	99
8) Chloroethane	1.551	64	51935	5.105	ug/L	98
9) Trichlorofluoromethane	1.719	101	123278	5.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	75571	5.087	ug/L	99
12) 1,1-Dichloroethene	2.072	96	67271	5.116	ug/L	89
13) Acetone	2.185	43	78827m	45.624	ug/L	
14) Carbon disulfide	2.246	76	181740	5.165	ug/L	98
15) Methyl Acetate	2.397	43	16584	4.110	ug/L	94
16) Methylene chloride	2.452	84	92382	5.751	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	131329	5.107	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	64174	5.130	ug/L	97
19) 1,1-Dichloroethane	3.117	63	118726	5.095	ug/L	99
21) 2-Butanone	3.915	43	106222	45.714	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	69904	5.056	ug/L	98
23) Bromochloromethane	4.159	128	29935	5.066	ug/L	99
25) Chloroform	4.284	83	123641	5.100	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	63020	4.970	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	111194	5.319	ug/L	99
30) Cyclohexane	4.590	56	97735	5.410	ug/L	99
31) Carbon tetrachloride	4.741	117	98747	5.255	ug/L	99
33) Benzene	5.018	78	257217	5.292	ug/L	100
34) Trichloroethene	5.841	95	72349	5.312	ug/L	98
35) Methylcyclohexane	6.059	83	112933	5.479	ug/L	99
37) 1,2-Dichloropropane	6.101	63	64695	5.232	ug/L	100
38) Bromodichloromethane	6.442	83	82922	5.253	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	98275	5.429	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	275492	53.990	ug/L	98
42) Toluene	7.323	91	284101	5.397	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	77935	5.515	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	46760	5.285	ug/L	98
47) Tetrachloroethene	7.911	164	61950	5.299	ug/L	98
48) 2-Hexanone	8.085	43	199500	54.613	ug/L	98
49) Dibromochloromethane	8.185	129	55111	5.323	ug/L	99
50) 1,2-Dibromoethane	8.291	107	42976	5.206	ug/L	96
51) Chlorobenzene	8.821	112	184044	5.184	ug/L	99
52) Ethylbenzene	8.953	91	305589	5.334	ug/L	99
53) m,p-Xylene	9.079	106	117321	5.328	ug/L	98
54) o-Xylene	9.487	106	111629	5.307	ug/L	100
55) Styrene	9.503	104	190790	5.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	50709	5.123	ug/L	99
59) Bromoform	9.673	173	31900	5.299	ug/L	98
60) Isopropylbenzene	9.876	105	314357	5.439	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	34067	5.067	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	259681	5.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	268917	5.537	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	158617	5.271	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	158435	5.218	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	141822	5.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	7407	4.933	ug/L	93
69) 1,3,5-Trichlorobenzene	12.593	180	131884	5.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	108401	5.409	ug/L	98
71) Naphthalene	13.448	128	146113	5.579	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	91383	5.539	ug/L	99

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

