

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060123\
 Data File : VV031322.D
 Acq On : 01 Jun 2023 17:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV259

Quant Time: Jun 02 02:36:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:28:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	140799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	144806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	77263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64593	4.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.536	69	57903	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.060	65	32801	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.818	46	150939	45.532	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.060%
24) Chloroform-d	4.259	84	110879	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.950	65	59619	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.966	84	218033	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	5.995	67	72665	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.249	98	208452	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	7.561	79	27167	5.018	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.034	63	108619	49.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	54977	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	65710	4.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94865	4.993	ug/L	99
3) Chloromethane	1.217	50	93137	4.961	ug/L	100
5) Vinyl chloride	1.285	62	94824	5.053	ug/L	98
6) Bromomethane	1.491	94	53397	4.964	ug/L	97
8) Chloroethane	1.552	64	58368	4.988	ug/L	98
9) Trichlorofluoromethane	1.716	101	139070	5.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75977	4.973	ug/L	100
12) 1,1-Dichloroethene	2.072	96	65242	4.960	ug/L	96
13) Acetone	2.146	43	150470	39.278	ug/L	90
14) Carbon disulfide	2.243	76	198886	5.100	ug/L	99
15) Methyl Acetate	2.391	43	30398	4.085	ug/L	97
16) Methylene chloride	2.449	84	85969	5.376	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	149904	5.001	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	62326	4.996	ug/L	97
19) 1,1-Dichloroethane	3.117	63	141322	5.101	ug/L	98
21) 2-Butanone	3.902	43	199012	39.944	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	66105	5.229	ug/L	98
23) Bromochloromethane	4.156	128	30380	5.084	ug/L	95
25) Chloroform	4.281	83	150200	5.184	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	85628	5.085	ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	120383	5.000	ug/L	99
30) Cyclohexane	4.590	56	112182	5.132	ug/L	98
31) Carbon tetrachloride	4.741	117	107371	5.001	ug/L	99
33) Benzene	5.018	78	269813	5.236	ug/L	100
34) Trichloroethene	5.838	95	70669	5.077	ug/L	98
35) Methylcyclohexane	6.056	83	111032	5.359	ug/L	96
37) 1,2-Dichloropropane	6.098	63	75099	4.952	ug/L	99
38) Bromodichloromethane	6.439	83	96501	4.976	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	103401	5.194	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	482188	54.184	ug/L	98
42) Toluene	7.320	91	295551	5.405	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	88502	5.168	ug/L	96
45) 1,1,2-Trichloroethane	7.776	97	51742	5.026	ug/L	99
47) Tetrachloroethene	7.911	164	55127	5.083	ug/L	96
48) 2-Hexanone	8.085	43	357684	50.611	ug/L	99
49) Dibromochloromethane	8.182	129	57452	4.997	ug/L	99
50) 1,2-Dibromoethane	8.288	107	49501	5.199	ug/L #	100
51) Chlorobenzene	8.821	112	174534	5.124	ug/L	98
52) Ethylbenzene	8.953	91	305827	5.347	ug/L	100
53) m,p-Xylene	9.079	106	111845	5.435	ug/L	99
54) o-Xylene	9.484	106	103918	5.388	ug/L	96
55) Styrene	9.503	104	192457	5.610	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	60502	4.930	ug/L	99
59) Bromoform	9.673	173	31320	5.031	ug/L	98
60) Isopropylbenzene	9.873	105	293922	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	46218	4.896	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	232541	5.171	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	243068	5.236	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	140848	5.240	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	142317	5.056	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	129111	5.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	9873	4.560	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	100863	5.050	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	78198	4.882	ug/L	98
71) Naphthalene	13.448	128	105098	4.277	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	68630	4.777	ug/L	96

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

