

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031237.D
 Acq On : 25 May 2023 16:43
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV246

Quant Time: May 26 06:54:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147394	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	84282	5.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.536	69	65363	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.063	65	29131	4.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.815	46	191590	54.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.980%
24) Chloroform-d	4.259	84	170114	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	4.950	65	85368	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	4.969	84	301759	5.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	5.995	67	102505	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.249	98	247984	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.561	79	33937	5.311	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.200%
46) 2-Hexanone-d5	8.034	63	144883	55.530	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	71194	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	94765	5.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	81961	5.168	ug/L	99
3) Chloromethane	1.217	50	85010	4.790	ug/L	99
5) Vinyl chloride	1.285	62	90255	5.259	ug/L	97
6) Bromomethane	1.491	94	40480	4.777	ug/L	96
8) Chloroethane	1.552	64	47297	5.229	ug/L	99
9) Trichlorofluoromethane	1.719	101	124612	5.281	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	56273	4.506	ug/L	97
12) 1,1-Dichloroethene	2.072	96	45738	4.585	ug/L	87
13) Acetone	2.143	43	120318	43.545	ug/L	100
14) Carbon disulfide	2.246	76	148727	5.034	ug/L	99
15) Methyl Acetate	2.391	43	28273	5.137	ug/L	99
16) Methylene chloride	2.452	84	79132	4.595	ug/L	97
17) Methyl tert-butyl Ether	2.712	73	143724	5.224	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	58021	5.216	ug/L	97
19) 1,1-Dichloroethane	3.117	63	145327	5.296	ug/L	97
21) 2-Butanone	3.896	43	175686	50.287	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	67439	5.277	ug/L	97
23) Bromochloromethane	4.159	128	30754	5.401	ug/L	96
25) Chloroform	4.285	83	152906	5.449	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	86919	5.457	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	127482	4.810	ug/L	98
30) Cyclohexane	4.590	56	97981	4.830	ug/L	98
31) Carbon tetrachloride	4.744	117	114872	5.026	ug/L	98
33) Benzene	5.018	78	270203	5.098	ug/L	100
34) Trichloroethene	5.841	95	71086	4.992	ug/L	99
35) Methylcyclohexane	6.059	83	95229	4.838	ug/L	99
37) 1,2-Dichloropropane	6.101	63	79808	5.140	ug/L	100
38) Bromodichloromethane	6.439	83	89285	4.588	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	91422	4.968	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	386788	50.858	ug/L	99
42) Toluene	7.320	91	260471	5.002	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	86723	5.433	ug/L	95
45) 1,1,2-Trichloroethane	7.776	97	51183	5.451	ug/L	96
47) Tetrachloroethene	7.911	164	54739	5.304	ug/L	97
48) 2-Hexanone	8.085	43	323890	54.847	ug/L	98
49) Dibromochloromethane	8.182	129	58985	5.228	ug/L	96
50) 1,2-Dibromoethane	8.291	107	46248	5.335	ug/L #	97
51) Chlorobenzene	8.821	112	178431	5.209	ug/L	100
52) Ethylbenzene	8.953	91	296789	5.169	ug/L	99
53) m,p-Xylene	9.079	106	109161	5.145	ug/L	98
54) o-Xylene	9.484	106	103692	5.133	ug/L	99
55) Styrene	9.503	104	187387	5.261	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	62084	5.238	ug/L	97
59) Bromoform	9.670	173	31469	4.872	ug/L	99
60) Isopropylbenzene	9.873	105	299658	5.152	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	44298	5.080	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	237696	5.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	247450	5.124	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	144297	5.240	ug/L	96
65) 1,4-Dichlorobenzene	11.217	146	148191	5.259	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	135575	5.136	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	10262	5.584	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.590	180	112865	5.047	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	83675	4.681	ug/L	98
71) Naphthalene	13.448	128	103760	3.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	72304	4.702	ug/L	98

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

