

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051218.D
 Acq On : 07 Oct 2022 14:40
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Oct 08 00:46:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	230943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	238283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	74020	3.973	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.909	69	63882	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.562	65	29136	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.636	46	201376	49.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	5.063	84	148516	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.700	65	77316	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	283308	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.690	67	96485	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.896	98	269590	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.179	79	34646	4.737	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	127344	51.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79452	4.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	85922	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	96451	5.120	ug/L	99
3) Chloromethane	1.520	50	127495	4.820	ug/L	98
5) Vinyl chloride	1.601	62	126662	4.882	ug/L	96
6) Bromomethane	1.855	94	72827	5.154	ug/L	99
8) Chloroethane	1.932	64	81506	4.926	ug/L	99
9) Trichlorofluoromethane	2.134	101	146844	4.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	90131	5.021	ug/L	99
12) 1,1-Dichloroethene	2.575	96	80759	4.795	ug/L	94
13) Acetone	2.646	43	167732	54.526	ug/L	98
14) Carbon disulfide	2.787	76	246751	4.783	ug/L	100
15) Methyl Acetate	2.957	43	42078	5.627	ug/L	98
16) Methylene chloride	3.041	84	118192	4.753	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	212176	5.500	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89865	5.072	ug/L	96
19) 1,1-Dichloroethane	3.867	63	187240	5.121	ug/L	99
21) 2-Butanone	4.713	43	273545	56.424	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	102032	5.199	ug/L	96
23) Bromochloromethane	4.977	128	49162	5.250	ug/L	95
25) Chloroform	5.086	83	189592	4.964	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120380	5.262	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	146327	5.125	ug/L	98
30) Cyclohexane	5.388	56	125680	5.190	ug/L	96
31) Carbon tetrachloride	5.523	117	122115	5.055	ug/L	97
33) Benzene	5.774	78	415930	5.229	ug/L	100
34) Trichloroethene	6.539	95	100014	5.040	ug/L	99
35) Methylcyclohexane	6.761	83	128289	5.124	ug/L	99
37) 1,2-Dichloropropane	6.790	63	114634	5.258	ug/L	100
38) Bromodichloromethane	7.105	83	137607	5.291	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	140190	5.349	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	674302	58.947	ug/L	99
42) Toluene	7.967	91	442813	5.244	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	125057	5.518	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	83521	5.456	ug/L	97
47) Tetrachloroethene	8.552	164	71161	4.877	ug/L	99
48) 2-Hexanone	8.684	43	516823	60.679	ug/L	98
49) Dibromochloromethane	8.809	129	88539	5.151	ug/L	95
50) 1,2-Dibromoethane	8.922	107	76262	5.596	ug/L	97
51) Chlorobenzene	9.446	112	267794	5.308	ug/L	98
52) Ethylbenzene	9.568	91	404698	5.333	ug/L	98
53) m,p-Xylene	9.694	106	157012	5.335	ug/L	100
54) o-Xylene	10.099	106	153860	5.526	ug/L	97
55) Styrene	10.115	104	272099	5.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	101005	5.330	ug/L	99
59) Bromoform	10.288	173	48178	5.117	ug/L	98
60) Isopropylbenzene	10.485	105	381954	5.329	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	75249	5.266	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96553	5.078	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	281968	5.244	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	188254	5.310	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	183988	5.265	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	181349	5.261	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15268	5.586	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	127517	5.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	98350	5.662	ug/L	97
71) Naphthalene	14.086	128	183977	5.698	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101098	5.627	ug/L	99

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

