

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051570.D
 Acq On : 28 Oct 2022 15:42
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV067

Quant Time: Oct 28 22:45:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:38:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223748	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	73974	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.909	69	82168	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.562	65	26932	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.629	46	311421	51.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.060%
24) Chloroform-d	5.060	84	189915	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.700	65	100788	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.726	84	344372	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	120705	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.896	98	274352	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.179	79	37395	4.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.632	63	246581	53.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	115053	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	100768	4.657	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	118739	4.852	ug/L	99
3) Chloromethane	1.523	50	152103	4.931	ug/L	97
5) Vinyl chloride	1.601	62	145313	4.918	ug/L	99
6) Bromomethane	1.855	94	70687	5.045	ug/L	94
8) Chloroethane	1.932	64	92257	5.142	ug/L	97
9) Trichlorofluoromethane	2.134	101	157441	4.854	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	93235	4.889	ug/L	99
12) 1,1-Dichloroethene	2.575	96	94727	4.870	ug/L	98
13) Acetone	2.642	43	164566	53.145	ug/L	99
14) Carbon disulfide	2.790	76	312580	4.985	ug/L	100
15) Methyl Acetate	2.954	43	40561	5.003	ug/L	96
16) Methylene chloride	3.041	84	134018	4.206	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	233890	5.244	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	106175	5.086	ug/L	100
19) 1,1-Dichloroethane	3.867	63	198465	5.154	ug/L	99
21) 2-Butanone	4.710	43	265892	54.832	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	119318	5.166	ug/L	98
23) Bromochloromethane	4.973	128	54595	5.055	ug/L	98
25) Chloroform	5.086	83	205342	5.141	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	123776	5.035	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	154667	5.048	ug/L	99
30) Cyclohexane	5.385	56	141944	5.031	ug/L	98
31) Carbon tetrachloride	5.523	117	130376	4.975	ug/L	99
33) Benzene	5.771	78	465060	5.222	ug/L	100
34) Trichloroethene	6.539	95	113514	5.281	ug/L	99
35) Methylcyclohexane	6.761	83	148627	5.001	ug/L	99
37) 1,2-Dichloropropane	6.790	63	121064	5.285	ug/L	99
38) Bromodichloromethane	7.102	83	147727	5.280	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	154283	5.250	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	639908	55.695	ug/L	100
42) Toluene	7.967	91	495560	5.418	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	133221	5.424	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88778	5.289	ug/L	97
47) Tetrachloroethene	8.552	164	83017	5.043	ug/L	94
48) 2-Hexanone	8.684	43	479379	56.367	ug/L	99
49) Dibromochloromethane	8.809	129	101207	5.278	ug/L	98
50) 1,2-Dibromoethane	8.922	107	79942	5.279	ug/L	93
51) Chlorobenzene	9.446	112	301882	5.244	ug/L	100
52) Ethylbenzene	9.568	91	464787	5.267	ug/L	98
53) m,p-Xylene	9.693	106	186985	5.455	ug/L	99
54) o-Xylene	10.099	106	181142	5.407	ug/L	98
55) Styrene	10.111	104	319413	5.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	109403	5.256	ug/L	98
59) Bromoform	10.288	173	55059	5.054	ug/L	99
60) Isopropylbenzene	10.481	105	450261	5.231	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	77714	5.097	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	116488	5.027	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	345757	5.175	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	220950	5.156	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	220337	5.128	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	210947	5.054	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	16280	5.186	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	151324	4.954	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	115309	4.918	ug/L	98
71) Naphthalene	14.086	128	206896	4.727	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	116251	4.910	ug/L	99

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

