

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020523\
 Data File : VU052956.D
 Acq On : 05 Feb 2023 15:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Feb 05 21:54:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	169417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	160547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52138	3.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.912	69	52576	4.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.565	65	24189	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	4.633	46	143257	35.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.000%
24) Chloroform-d	5.057	84	123790	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.697	65	59204	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.723	84	233401	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	72243	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.893	98	211834	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	26119	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.629	63	113687	42.440	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	62847	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	79476	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	71149	3.909	ug/L	97
3) Chloromethane	1.517	50	73057	3.305	ug/L	97
5) Vinyl chloride	1.601	62	84775	4.009	ug/L	99
6) Bromomethane	1.858	94	52136	4.749	ug/L	97
8) Chloroethane	1.932	64	53358	4.150	ug/L	95
9) Trichlorofluoromethane	2.138	101	128327	5.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	69124	4.713	ug/L	95
12) 1,1-Dichloroethene	2.578	96	62763	4.273	ug/L	82
13) Acetone	2.649	43	113562	39.788	ug/L	93
14) Carbon disulfide	2.790	76	176316	3.473	ug/L	100
15) Methyl Acetate	2.954	43	22474	3.284	ug/L #	86
16) Methylene chloride	3.041	84	75362	3.856	ug/L	83
17) Methyl tert-butyl Ether	3.356	73	139892	4.304	ug/L	94
18) trans-1,2-Dichloroethene	3.350	96	65727	4.388	ug/L	89
19) 1,1-Dichloroethane	3.861	63	121692	3.912	ug/L	97
21) 2-Butanone	4.713	43	160596	34.953	ug/L	85
22) cis-1,2-Dichloroethene	4.662	96	74058	4.604	ug/L	89
23) Bromochloromethane	4.970	128	33954	4.986	ug/L #	73
25) Chloroform	5.083	83	131511	4.301	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	76777	4.143	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	113666	4.513	ug/L	95
30) Cyclohexane	5.385	56	99725	3.935	ug/L	90
31) Carbon tetrachloride	5.520	117	101389	5.137	ug/L	98
33) Benzene	5.771	78	283724	4.465	ug/L	100
34) Trichloroethene	6.536	95	70783	4.709	ug/L	95
35) Methylcyclohexane	6.758	83	107457	4.329	ug/L	90
37) 1,2-Dichloropropane	6.787	63	71486	4.192	ug/L #	95
38) Bromodichloromethane	7.102	83	93458	4.654	ug/L #	95
39) cis-1,3-Dichloropropene	7.604	75	94320	4.357	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	351780	36.068	ug/L #	90
42) Toluene	7.967	91	301540	4.764	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	86105	4.608	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	52440	4.889	ug/L	95
47) Tetrachloroethene	8.549	164	58207	5.256	ug/L	95
48) 2-Hexanone	8.681	43	273430	38.289	ug/L #	90
49) Dibromochloromethane	8.806	129	64894	5.233	ug/L	96
50) 1,2-Dibromoethane	8.919	107	48096	4.878	ug/L #	97
51) Chlorobenzene	9.443	112	195348	4.954	ug/L	94
52) Ethylbenzene	9.568	91	313452	4.861	ug/L	100
53) m,p-Xylene	9.690	106	126047	5.160	ug/L	96
54) o-Xylene	10.099	106	121191	5.189	ug/L	95
55) Styrene	10.111	104	209674	5.263	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	70306	5.018	ug/L	100
59) Bromoform	10.288	173	36697	5.457	ug/L	97
60) Isopropylbenzene	10.481	105	314392	5.129	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	45883	4.565	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	254872	5.213	ug/L	97
63) 1,2,4-Trimethylbenzene	11.462	105	255157	5.181	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	154464	5.297	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	156074	5.247	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	147972	5.393	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	9712	4.190	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.214	180	113627	5.246	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	92590	5.330	ug/L	96
71) Naphthalene	14.082	128	145765	4.834	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	87015	5.468	ug/L	99

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

