

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052482.D
 Acq On : 22 Dec 2022 10:54
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005113

Quant Time: Dec 22 11:27:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	161688	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	158684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75774	4.626	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.600%	
7) Chloroethane-d5	1.913	69	68691	4.862	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.565	65	33716	4.783	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	4.639	46	267849	52.729	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.460%	
24) Chloroform-d	5.057	84	144668	5.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.697	65	82459	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.723	84	282431	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.687	67	96087	5.131	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.896	98	249167	5.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.200%	
43) trans-1,3-Dichloroprop...	8.176	79	35139	5.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	109.600%	
46) 2-Hexanone-d5	8.633	63	191385	54.548	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.100%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83038	5.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	84515	5.007	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	77159	5.363	ug/L	99
3) Chloromethane	1.520	50	104798	5.046	ug/L	99
5) Vinyl chloride	1.604	62	98092	5.211	ug/L	99
6) Bromomethane	1.858	94	53683	5.002	ug/L	100
8) Chloroethane	1.935	64	62173	4.822	ug/L	97
9) Trichlorofluoromethane	2.138	101	113079	5.313	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	66429	5.251	ug/L	98
12) 1,1-Dichloroethene	2.581	96	63173	5.217	ug/L	91
13) Acetone	2.665	43	194132	51.842	ug/L	65
14) Carbon disulfide	2.794	76	201864	5.174	ug/L	99
15) Methyl Acetate	2.961	43	43075	5.221	ug/L	98
16) Methylene chloride	3.044	84	81052	4.738	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	167888	5.194	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	65733	5.267	ug/L	99
19) 1,1-Dichloroethane	3.864	63	145115	5.347	ug/L	99
21) 2-Butanone	4.720	43	309686	56.153	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	72656	5.305	ug/L	94
23) Bromochloromethane	4.970	128	34092	5.371	ug/L	98
25) Chloroform	5.083	83	136722	5.199	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	96390	5.306	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	107764	5.396	ug/L	99
30) Cyclohexane	5.385	56	113423	5.255	ug/L	99
31) Carbon tetrachloride	5.520	117	92444	5.267	ug/L	98
33) Benzene	5.771	78	308226	5.393	ug/L	100
34) Trichloroethene	6.539	95	69432	5.196	ug/L	97
35) Methylcyclohexane	6.761	83	105903	5.256	ug/L	99
37) 1,2-Dichloropropane	6.787	63	86019	5.393	ug/L	99
38) Bromodichloromethane	7.102	83	100133	5.158	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	108315	5.362	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	654866	56.187	ug/L	99
42) Toluene	7.967	91	307060	5.603	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	97221	5.462	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	59746	5.289	ug/L	97
47) Tetrachloroethene	8.549	164	49373	5.294	ug/L	98
48) 2-Hexanone	8.684	43	515453	58.672	ug/L	100
49) Dibromochloromethane	8.806	129	66160	5.531	ug/L	98
50) 1,2-Dibromoethane	8.922	107	54539	5.311	ug/L #	98
51) Chlorobenzene	9.443	112	186145	5.319	ug/L	99
52) Ethylbenzene	9.568	91	302300	5.330	ug/L	99
53) m,p-Xylene	9.690	106	117473	5.617	ug/L	97
54) o-Xylene	10.095	106	110515	5.513	ug/L	99
55) Styrene	10.112	104	200508	5.749	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	84899	5.437	ug/L	100
59) Bromoform	10.285	173	37671	5.171	ug/L	98
60) Isopropylbenzene	10.481	105	288784	5.374	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	60511	5.088	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	226392	5.108	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	237692	5.327	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	138860	5.208	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	141408	5.128	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	137537	5.220	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13288	4.937	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	98207	5.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	78741	4.766	ug/L	99
71) Naphthalene	14.082	128	150884	4.514	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	80028	4.833	ug/L	99

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

