

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052507.D
 Acq On : 22 Dec 2022 21:18
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005114

Quant Time: Dec 23 06:06:56 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	189883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	182812	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	95072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82145	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.916	69	74937	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	35041	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.658	46	337912	56.644	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.280%
24) Chloroform-d	5.060	84	155602	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.700	65	91078	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	313196	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.687	67	108155	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.896	98	276570	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	8.176	79	40621	5.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.000%
46) 2-Hexanone-d5	8.632	63	250096	61.874	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	99173	5.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	96558	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	72210	4.274	ug/L	99
3) Chloromethane	1.520	50	111120	4.556	ug/L	100
5) Vinyl chloride	1.604	62	102261	4.626	ug/L	95
6) Bromomethane	1.858	94	50799	4.031	ug/L	99
8) Chloroethane	1.935	64	64925	4.288	ug/L	96
9) Trichlorofluoromethane	2.141	101	108378	4.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	62050	4.176	ug/L	98
12) 1,1-Dichloroethene	2.581	96	62996	4.430	ug/L	98
13) Acetone	2.681	43	185189	42.111	ug/L	60
14) Carbon disulfide	2.793	76	206368	4.504	ug/L	100
15) Methyl Acetate	2.964	43	47576	4.911	ug/L	99
16) Methylene chloride	3.044	84	85227	4.243	ug/L	95
17) Methyl tert-butyl Ether	3.362	73	198639	5.232	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	70725	4.826	ug/L	100
19) 1,1-Dichloroethane	3.867	63	153784	4.825	ug/L	99
21) 2-Butanone	4.732	43	341719	52.761	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	77973	4.848	ug/L	93
23) Bromochloromethane	4.973	128	37541	5.036	ug/L	99
25) Chloroform	5.086	83	146268	4.736	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	105152	4.928	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	109953	4.779	ug/L	99
30) Cyclohexane	5.385	56	116797	4.697	ug/L	99
31) Carbon tetrachloride	5.520	117	91114	4.506	ug/L	99
33) Benzene	5.771	78	328254	4.985	ug/L	100
34) Trichloroethene	6.539	95	73277	4.760	ug/L	99
35) Methylcyclohexane	6.761	83	103096	4.441	ug/L	98
37) 1,2-Dichloropropane	6.787	63	94548	5.146	ug/L	100
38) Bromodichloromethane	7.102	83	107246	4.796	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	118319	5.084	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	772112	57.504	ug/L	98
42) Toluene	7.967	91	326945	5.178	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	107750	5.254	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	66717	5.127	ug/L	99
47) Tetrachloroethene	8.549	164	51151	4.760	ug/L	100
48) 2-Hexanone	8.684	43	580816	57.386	ug/L	100
49) Dibromochloromethane	8.806	129	71434	5.184	ug/L	99
50) 1,2-Dibromoethane	8.918	107	60966	5.154	ug/L	99
51) Chlorobenzene	9.443	112	201540	4.999	ug/L	99
52) Ethylbenzene	9.568	91	330029	5.051	ug/L	99
53) m,p-Xylene	9.690	106	124790	5.180	ug/L	95
54) o-Xylene	10.095	106	123500	5.347	ug/L	98
55) Styrene	10.111	104	216371	5.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	94556	5.256	ug/L	99
59) Bromoform	10.288	173	40167	4.809	ug/L	98
60) Isopropylbenzene	10.481	105	311194	5.050	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	67578	4.956	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	254858	5.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	263628	5.153	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	150188	4.912	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	153646	4.859	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	149268	4.941	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15434	5.000	ug/L	92
69) 1,3,5-Trichlorobenzene	13.214	180	105551	4.689	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	87680	4.628	ug/L	99
71) Naphthalene	14.082	128	179390	4.680	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	89242	4.700	ug/L	98

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

