

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052088.D
 Acq On : 23 Nov 2022 14:03
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Nov 24 04:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	225486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	221130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80578	3.674	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.896	69	61670	3.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.562	65	30245	3.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.617	46	197425	49.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	5.060	84	150706	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.700	65	74041	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.723	84	294321	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.687	67	94604	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	269418	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.176	79	34138	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.629	63	180721	57.599	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90728	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	96993	4.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106285	5.435	ug/L	97
3) Chloromethane	1.523	50	143807	5.634	ug/L	100
5) Vinyl chloride	1.604	62	126323	5.151	ug/L	95
6) Bromomethane	1.832	94	44511	3.537	ug/L	93
8) Chloroethane	1.919	64	77806	5.102	ug/L	99
9) Trichlorofluoromethane	2.131	101	139149	5.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	86454	5.242	ug/L	100
12) 1,1-Dichloroethene	2.575	96	83911	5.130	ug/L	85
13) Acetone	2.620	43	143222	53.051	ug/L	99
14) Carbon disulfide	2.787	76	273221	4.825	ug/L	98
15) Methyl Acetate	2.945	43	35040	5.004	ug/L	98
16) Methylene chloride	3.041	84	111840	5.054	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	185595	5.068	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	89409	5.099	ug/L	95
19) 1,1-Dichloroethane	3.864	63	161855	5.122	ug/L	99
21) 2-Butanone	4.697	43	228955	52.913	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	94179	5.118	ug/L	96
23) Bromochloromethane	4.970	128	44950	5.105	ug/L	96
25) Chloroform	5.083	83	164305	5.131	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	100755	5.137	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	128132	5.223	ug/L	99
30) Cyclohexane	5.385	56	125419	5.265	ug/L	99
31) Carbon tetrachloride	5.520	117	109614	5.258	ug/L	98
33) Benzene	5.771	78	385037	5.350	ug/L	100
34) Trichloroethene	6.539	95	96872	5.397	ug/L	99
35) Methylcyclohexane	6.761	83	132774	5.142	ug/L	97
37) 1,2-Dichloropropane	6.787	63	97337	5.224	ug/L	99
38) Bromodichloromethane	7.102	83	116000	5.106	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	124375	5.199	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	538553	55.332	ug/L	100
42) Toluene	7.967	91	403773	5.454	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	106183	5.183	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	73702	5.264	ug/L	98
47) Tetrachloroethene	8.549	164	70467	5.122	ug/L	99
48) 2-Hexanone	8.681	43	422994	59.280	ug/L	99
49) Dibromochloromethane	8.806	129	78475	5.004	ug/L	98
50) 1,2-Dibromoethane	8.922	107	66394	5.206	ug/L	97
51) Chlorobenzene	9.443	112	242742	5.143	ug/L	99
52) Ethylbenzene	9.568	91	372603	5.177	ug/L	100
53) m,p-Xylene	9.690	106	149249	5.356	ug/L	97
54) o-Xylene	10.099	106	146346	5.479	ug/L	97
55) Styrene	10.112	104	251887	5.584	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98144	5.612	ug/L	98
59) Bromoform	10.288	173	45683	4.858	ug/L	97
60) Isopropylbenzene	10.481	105	365990	5.103	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67779	5.187	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	283333	4.942	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	285193	5.012	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	185375	5.062	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	181057	4.958	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	180165	5.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	14444	5.051	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	123341	4.750	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	93888	4.748	ug/L	99
71) Naphthalene	14.086	128	172673	4.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	95725	4.920	ug/L	99

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

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