

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052713.D
 Acq On : 17 Jan 2023 11:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Jan 18 01:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133921	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53804	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.916	69	46794	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.565	65	26258	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.636	46	147591	46.916	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.840%
24) Chloroform-d	5.060	84	115946	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.697	65	58119	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	229063	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.687	67	69590	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	210138	5.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	8.176	79	27186	5.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.632	63	109630	50.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53931	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	72126	5.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70531	4.902	ug/L	100
3) Chloromethane	1.520	50	64368	3.684	ug/L	98
5) Vinyl chloride	1.604	62	68040	4.070	ug/L	97
6) Bromomethane	1.858	94	32168	3.707	ug/L	93
8) Chloroethane	1.935	64	44091	4.338	ug/L	99
9) Trichlorofluoromethane	2.137	101	99100	5.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	58220	5.022	ug/L	95
12) 1,1-Dichloroethene	2.578	96	56124	4.834	ug/L	92
13) Acetone	2.655	43	109631	48.592	ug/L	98
14) Carbon disulfide	2.793	76	187819	4.681	ug/L	98
15) Methyl Acetate	2.957	43	25648	4.742	ug/L	95
16) Methylene chloride	3.044	84	66536	4.306	ug/L	91
17) Methyl tert-butyl Ether	3.359	73	134847	5.248	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	60545	5.113	ug/L	94
19) 1,1-Dichloroethane	3.867	63	115729	4.707	ug/L	99
21) 2-Butanone	4.713	43	178717	49.207	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	64971	5.109	ug/L	97
23) Bromochloromethane	4.970	128	30750	5.712	ug/L	# 76
25) Chloroform	5.083	83	122290	5.059	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	73834	5.040	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	99621	4.876	ug/L	98
30) Cyclohexane	5.388	56	96408	4.690	ug/L	94
31) Carbon tetrachloride	5.520	117	84004	5.248	ug/L	99
33) Benzene	5.771	78	266637	5.174	ug/L	100
34) Trichloroethene	6.539	95	63537	5.212	ug/L	96
35) Methylcyclohexane	6.761	83	100121	4.973	ug/L	96
37) 1,2-Dichloropropane	6.787	63	67777	4.900	ug/L	98
38) Bromodichloromethane	7.102	83	85341	5.240	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	90644	5.163	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	390965	49.422	ug/L	96
42) Toluene	7.967	91	274716	5.351	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	77779	5.132	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	45986	5.286	ug/L	93
47) Tetrachloroethene	8.549	164	50555	5.628	ug/L	98
48) 2-Hexanone	8.684	43	307392	53.071	ug/L	97
49) Dibromochloromethane	8.806	129	55670	5.535	ug/L	98
50) 1,2-Dibromoethane	8.919	107	43271	5.410	ug/L #	100
51) Chlorobenzene	9.443	112	172260	5.386	ug/L	96
52) Ethylbenzene	9.568	91	282505	5.402	ug/L	99
53) m,p-Xylene	9.690	106	114381	5.774	ug/L	95
54) o-Xylene	10.099	106	108307	5.718	ug/L	98
55) Styrene	10.111	104	188135	5.823	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	58113	5.113	ug/L	99
59) Bromoform	10.288	173	31321	5.637	ug/L	100
60) Isopropylbenzene	10.481	105	278824	5.505	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	39922	4.807	ug/L	91
62) 1,3,5-Trimethylbenzene	11.086	105	228649	5.661	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	228394	5.613	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	133602	5.546	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	133824	5.445	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	124209	5.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	9620	5.023	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.217	180	95736	5.350	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	74508	5.191	ug/L	97
71) Naphthalene	14.082	128	120507	4.837	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	69235	5.266	ug/L	98

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

