

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056131.D
 Acq On : 08 Nov 2023 18:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: Nov 08 20:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	362661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	183608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	104495	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.904	69	83253	5.411	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.560	65	43991	4.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.618	46	193360	51.984	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.960%
24) Chloroform-d	5.055	84	212303	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.695	65	92979	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.721	84	422677	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	125378	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	386621	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.177	79	46217	4.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.627	63	164753	51.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90994	4.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	133291	4.708	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	153431	4.953	ug/L	100
3) Chloromethane	1.515	50	142476	4.910	ug/L	98
5) Vinyl chloride	1.602	62	152923	5.094	ug/L	100
6) Bromomethane	1.850	94	78271	4.539	ug/L	99
8) Chloroethane	1.927	64	92363	5.674	ug/L	99
9) Trichlorofluoromethane	2.133	101	199563	5.026	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	126995	5.020	ug/L	98
12) 1,1-Dichloroethene	2.576	96	120469	5.131	ug/L	97
13) Acetone	2.621	43	139585	50.884	ug/L	99
14) Carbon disulfide	2.788	76	389927	4.874	ug/L	100
15) Methyl Acetate	2.946	43	38182	4.933	ug/L	96
16) Methylene chloride	3.039	84	142202	5.282	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	273663	5.174	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	128522	5.166	ug/L	99
19) 1,1-Dichloroethane	3.862	63	235576	5.191	ug/L	95
21) 2-Butanone	4.695	43	236833	52.351	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	139137	5.181	ug/L	98
23) Bromochloromethane	4.968	128	61113	5.129	ug/L	93
25) Chloroform	5.081	83	257153	5.318	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	138853	5.073	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	210761	5.073	ug/L	98
30) Cyclohexane	5.380	56	184745	4.759	ug/L	98
31) Carbon tetrachloride	5.518	117	184484	5.001	ug/L	100
33) Benzene	5.769	78	533566	5.138	ug/L	100
34) Trichloroethene	6.537	95	143094	5.045	ug/L	98
35) Methylcyclohexane	6.759	83	204497	4.851	ug/L	99
37) 1,2-Dichloropropane	6.785	63	136493	5.055	ug/L	99
38) Bromodichloromethane	7.100	83	172814	5.125	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	194342	5.099	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	609551	51.605	ug/L	100
42) Toluene	7.965	91	569406	5.201	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	151682	4.915	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	94069	5.096	ug/L	98
47) Tetrachloroethene	8.550	164	105165	4.940	ug/L	93
48) 2-Hexanone	8.679	43	448515	52.153	ug/L	98
49) Dibromochloromethane	8.804	129	109801	5.184	ug/L	96
50) 1,2-Dibromoethane	8.920	107	89945	5.214	ug/L	99
51) Chlorobenzene	9.444	112	355992	5.040	ug/L	100
52) Ethylbenzene	9.566	91	606283	5.082	ug/L	100
53) m,p-Xylene	9.692	106	234461	5.168	ug/L	98
54) o-Xylene	10.097	106	230206	5.293	ug/L	94
55) Styrene	10.110	104	383398	5.388	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	110500	5.094	ug/L	96
59) Bromoform	10.287	173	63618	4.989	ug/L	99
60) Isopropylbenzene	10.479	105	600200	5.042	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	77969	4.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	478571	4.957	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	478933	5.057	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	286412	5.080	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	278984	5.004	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	260266	5.009	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	16657	4.983	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	209905	4.971	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	167581	5.002	ug/L	99
71) Naphthalene	14.081	128	248638	5.004	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	148554	5.058	ug/L	100

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

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