

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055652.D
 Acq On : 03 Oct 2023 20:12
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005156

Quant Time: Oct 04 04:46:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191874	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	117610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99712	5.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.911	69	78694	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.564	65	39000	4.886	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.628	46	162592	46.418	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	5.059	84	163398	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.699	65	78855	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	324672	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.686	67	97301	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.895	98	305665	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.178	79	34946	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	104582	47.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73387	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	101839	4.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	82813	4.433	ug/L	100
3) Chloromethane	1.519	50	85425	5.198	ug/L	99
5) Vinyl chloride	1.602	62	98061	5.531	ug/L	98
6) Bromomethane	1.856	94	55785	4.954	ug/L	100
8) Chloroethane	1.930	64	57952	5.009	ug/L	98
9) Trichlorofluoromethane	2.136	101	127589	5.190	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	73770	4.931	ug/L	99
12) 1,1-Dichloroethene	2.577	96	66024	4.922	ug/L	95
13) Acetone	2.634	43	104053	52.113	ug/L	99
14) Carbon disulfide	2.792	76	198253	4.916	ug/L	99
15) Methyl Acetate	2.953	43	26540	5.830	ug/L	96
16) Methylene chloride	3.043	84	84221	5.240	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	157674	5.418	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	66544	4.921	ug/L	99
19) 1,1-Dichloroethane	3.866	63	137489	5.498	ug/L	99
21) 2-Butanone	4.705	43	173724	59.322	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	76886	4.904	ug/L	96
23) Bromochloromethane	4.972	128	35985	5.431	ug/L	90
25) Chloroform	5.084	83	143101	5.404	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	88998	5.481	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	119069	5.291	ug/L	98
30) Cyclohexane	5.387	56	102744	4.988	ug/L	98
31) Carbon tetrachloride	5.522	117	102406	5.309	ug/L	97
33) Benzene	5.773	78	304183	5.354	ug/L	100
34) Trichloroethene	6.541	95	81154	5.050	ug/L	96
35) Methylcyclohexane	6.760	83	108576	4.690	ug/L	97
37) 1,2-Dichloropropane	6.789	63	82619	5.560	ug/L	99
38) Bromodichloromethane	7.104	83	99527	5.716	ug/L	94
39) cis-1,3-Dichloropropene	7.605	75	108604	5.476	ug/L	99
40) 4-Methyl-2-pentanone	7.789	43	420457	62.382	ug/L	98
42) Toluene	7.965	91	320525	5.289	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	90467	5.702	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	59470	5.708	ug/L	96
47) Tetrachloroethene	8.551	164	58821	5.102	ug/L	96
48) 2-Hexanone	8.682	43	320787	61.411	ug/L	98
49) Dibromochloromethane	8.808	129	64955	5.948	ug/L	94
50) 1,2-Dibromoethane	8.920	107	54426	5.629	ug/L #	95
51) Chlorobenzene	9.444	112	200017	5.153	ug/L	97
52) Ethylbenzene	9.567	91	330870	5.093	ug/L	96
53) m,p-Xylene	9.692	106	125301	5.147	ug/L	97
54) o-Xylene	10.097	106	120990	5.111	ug/L	97
55) Styrene	10.113	104	207143	5.412	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	71058	6.042	ug/L	99
59) Bromoform	10.287	173	35857	5.688	ug/L	98
60) Isopropylbenzene	10.483	105	328306	4.844	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	50798	5.533	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	249098	4.595	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	248074	4.676	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	162598	5.010	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	163561	5.043	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	152618	5.129	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.994	75	10072	6.329	ug/L	88
69) 1,3,5-Trichlorobenzene	13.216	180	104111	4.659	ug/L	100
70) 1,2,4-trichlorobenzene	13.840	180	91221	5.354	ug/L	99
71) Naphthalene	14.087	128	117149	4.749	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	73170	4.935	ug/L	99

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

