

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U091923\
 Data File : VU055394.D
 Acq On : 19 Sep 2023 15:57
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV066

Quant Time: Sep 20 06:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	292726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	161543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	133297	4.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.907	69	125825	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.560	65	55288	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.631	46	264007	49.482	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.058	84	255703	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	121786	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	506761	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.689	67	148982	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.894	98	469518	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.177	79	56266	5.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.634	63	180869	55.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	115594	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	167686	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	130568	4.589	ug/L	99
3) Chloromethane	1.518	50	111868	4.469	ug/L	100
5) Vinyl chloride	1.602	62	121929	4.515	ug/L	97
6) Bromomethane	1.856	94	80602	4.699	ug/L	97
8) Chloroethane	1.930	64	84918	4.819	ug/L	99
9) Trichlorofluoromethane	2.129	101	177489	4.740	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	103374	4.536	ug/L	100
12) 1,1-Dichloroethene	2.573	96	96355	4.715	ug/L	99
13) Acetone	2.644	43	138782	45.632	ug/L	99
14) Carbon disulfide	2.785	76	288148	4.691	ug/L	98
15) Methyl Acetate	2.952	43	30529	4.403	ug/L	98
16) Methylene chloride	3.039	84	116119	4.743	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	209071	4.716	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	95790	4.651	ug/L	99
19) 1,1-Dichloroethane	3.862	63	176683	4.639	ug/L	97
21) 2-Butanone	4.711	43	218726	49.035	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	108625	4.549	ug/L	98
23) Bromochloromethane	4.968	128	46104	4.568	ug/L	97
25) Chloroform	5.084	83	186927	4.635	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	112419	4.545	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	160875	4.821	ug/L	99
30) Cyclohexane	5.383	56	152122	4.980	ug/L	99
31) Carbon tetrachloride	5.521	117	138187	4.831	ug/L	98
33) Benzene	5.769	78	408285	4.846	ug/L	100
34) Trichloroethene	6.541	95	110568	4.639	ug/L	99
35) Methylcyclohexane	6.759	83	166798	4.859	ug/L	99
37) 1,2-Dichloropropane	6.788	63	104600	4.747	ug/L	99
38) Bromodichloromethane	7.103	83	123549	4.785	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	148908	5.063	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	498561	49.880	ug/L	99
42) Toluene	7.968	91	439598	4.892	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	119206	5.066	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	74140	4.799	ug/L	97
47) Tetrachloroethene	8.550	164	83798	4.902	ug/L	99
48) 2-Hexanone	8.685	43	411561	53.129	ug/L	98
49) Dibromochloromethane	8.807	129	78368	4.839	ug/L	96
50) 1,2-Dibromoethane	8.923	107	69204	4.827	ug/L #	98
51) Chlorobenzene	9.444	112	273000	4.743	ug/L	98
52) Ethylbenzene	9.569	91	467074	4.848	ug/L	98
53) m,p-Xylene	9.692	106	181192	5.018	ug/L	97
54) o-Xylene	10.100	106	175709	5.006	ug/L	92
55) Styrene	10.113	104	289829	5.106	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	84366	4.837	ug/L	99
59) Bromoform	10.290	173	42329	4.889	ug/L	99
60) Isopropylbenzene	10.483	105	469299	5.041	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	60597	4.805	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	375221	5.040	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	370319	5.081	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	220666	4.950	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	222632	4.997	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	205342	5.025	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11652	5.331	ug/L	97
69) 1,3,5-Trichlorobenzene	13.219	180	153629	5.005	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	126571	5.408	ug/L	99
71) Naphthalene	14.084	128	220546	6.510	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	114036	5.600	ug/L	98

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

