

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054498.D
 Acq On : 13 Jun 2023 09:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005182

Quant Time: Jun 14 00:03:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293789	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	281170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	145453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	86950	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.914	69	97919	5.594	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.567	65	41136	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.634	46	276905	52.675	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	5.058	84	205562	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	99924	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.724	84	401023	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.689	67	132765	5.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.894	98	354393	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	8.177	79	42964	4.733	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.631	63	184856	48.542	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98901	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	126613	5.161	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	139838	5.094	ug/L	99
3) Chloromethane	1.518	50	157426	4.992	ug/L	99
5) Vinyl chloride	1.605	62	164569	5.084	ug/L	99
6) Bromomethane	1.859	94	93322	5.244	ug/L	96
8) Chloroethane	1.933	64	102462	5.281	ug/L	98
9) Trichlorofluoromethane	2.139	101	212191	5.332	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	123748	5.316	ug/L	97
12) 1,1-Dichloroethene	2.579	96	110009	5.163	ug/L	95
13) Acetone	2.650	43	266339	53.735	ug/L	98
14) Carbon disulfide	2.792	76	324202	5.131	ug/L	99
15) Methyl Acetate	2.959	43	47163	5.135	ug/L	99
16) Methylene chloride	3.046	84	128710	4.295	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	267742	5.091	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	113763	5.171	ug/L	97
19) 1,1-Dichloroethane	3.866	63	237600	5.219	ug/L	100
21) 2-Butanone	4.711	43	352142	54.743	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	129686	5.176	ug/L	98
23) Bromochloromethane	4.972	128	55301	5.304	ug/L	93
25) Chloroform	5.084	83	237352	5.288	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	140306	5.333	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	198252	5.200	ug/L	100
30) Cyclohexane	5.383	56	202727	4.882	ug/L	100
31) Carbon tetrachloride	5.521	117	171853	5.231	ug/L	100
33) Benzene	5.772	78	507632	5.023	ug/L	100
34) Trichloroethene	6.541	95	132566	4.961	ug/L	98
35) Methylcyclohexane	6.759	83	200322	4.960	ug/L	99
37) 1,2-Dichloropropane	6.788	63	136139	4.983	ug/L	100
38) Bromodichloromethane	7.103	83	160821	5.200	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	194084	5.203	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	738834	50.672	ug/L	100
42) Toluene	7.965	91	543519	5.223	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	158677	5.242	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	92155	5.302	ug/L	98
47) Tetrachloroethene	8.550	164	101961	4.985	ug/L	99
48) 2-Hexanone	8.682	43	562083	51.737	ug/L	99
49) Dibromochloromethane	8.804	129	99366	5.444	ug/L	97
50) 1,2-Dibromoethane	8.920	107	82827	5.190	ug/L	98
51) Chlorobenzene	9.444	112	331105	5.104	ug/L	100
52) Ethylbenzene	9.566	91	581804	5.119	ug/L	100
53) m,p-Xylene	9.692	106	222254	5.323	ug/L	99
54) o-Xylene	10.097	106	209837	5.197	ug/L	97
55) Styrene	10.110	104	362540	5.350	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	113158	5.125	ug/L	100
59) Bromoform	10.287	173	60713	5.814	ug/L	98
60) Isopropylbenzene	10.479	105	569863	5.356	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	78731	5.356	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	461079	5.311	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	464933	5.273	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	272382	5.477	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	266610	5.341	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	244759	5.351	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17349	5.371	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	202228	5.389	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	156800	5.053	ug/L	100
71) Naphthalene	14.081	128	221695	4.394	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	131942	4.949	ug/L	97

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

