

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054536.D
 Acq On : 15 Jun 2023 19:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Jun 16 02:42:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306698	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	291552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	156424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	75325	3.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.911	69	84211	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.567	65	34177	3.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.628	46	258367	47.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	5.058	84	187549	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	90385	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.724	84	369112	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	123503	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.894	98	318662	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.174	79	37886	4.025	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.631	63	181304	45.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93922	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	115402	4.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124202	4.334	ug/L	99
3) Chloromethane	1.518	50	140056	4.254	ug/L	99
5) Vinyl chloride	1.602	62	149391	4.421	ug/L	99
6) Bromomethane	1.856	94	84947	4.573	ug/L	99
8) Chloroethane	1.933	64	94427	4.662	ug/L	99
9) Trichlorofluoromethane	2.136	101	195770	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	116285	4.785	ug/L	99
12) 1,1-Dichloroethene	2.579	96	102241	4.596	ug/L	98
13) Acetone	2.640	43	169686	32.794	ug/L	96
14) Carbon disulfide	2.792	76	284635	4.315	ug/L	99
15) Methyl Acetate	2.952	43	44509	4.642	ug/L	98
16) Methylene chloride	3.042	84	116687	3.730	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	258260	4.704	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	105851	4.609	ug/L	98
19) 1,1-Dichloroethane	3.865	63	222040	4.672	ug/L	99
21) 2-Butanone	4.708	43	292266	43.523	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	126395	4.833	ug/L	96
23) Bromochloromethane	4.972	128	52610	4.834	ug/L	93
25) Chloroform	5.084	83	223243	4.764	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	128136	4.665	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	184988	4.679	ug/L	99
30) Cyclohexane	5.383	56	184811	4.292	ug/L	98
31) Carbon tetrachloride	5.521	117	159889	4.693	ug/L	100
33) Benzene	5.769	78	472723	4.511	ug/L	100
34) Trichloroethene	6.537	95	124985	4.511	ug/L	95
35) Methylcyclohexane	6.759	83	177498	4.238	ug/L	98
37) 1,2-Dichloropropane	6.785	63	130651	4.611	ug/L	99
38) Bromodichloromethane	7.100	83	152491	4.755	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	180169	4.658	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	701913	46.426	ug/L	99
42) Toluene	7.965	91	516060	4.782	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	149319	4.757	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	87682	4.865	ug/L	98
47) Tetrachloroethene	8.550	164	95335	4.495	ug/L	98
48) 2-Hexanone	8.679	43	519508	46.116	ug/L	99
49) Dibromochloromethane	8.804	129	95645	5.054	ug/L	98
50) 1,2-Dibromoethane	8.920	107	80084	4.840	ug/L	94
51) Chlorobenzene	9.444	112	314933	4.682	ug/L	100
52) Ethylbenzene	9.566	91	550925	4.675	ug/L	100
53) m,p-Xylene	9.692	106	208988	4.827	ug/L	96
54) o-Xylene	10.097	106	200373	4.786	ug/L	99
55) Styrene	10.110	104	344407	4.901	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	105221	4.596	ug/L	97
59) Bromoform	10.286	173	55742	4.964	ug/L	99
60) Isopropylbenzene	10.479	105	549040	4.798	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	74597	4.719	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	432777	4.635	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	444493	4.688	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	261347	4.886	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	258482	4.815	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	236895	4.816	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16108	4.637	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	196383	4.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	162897	4.881	ug/L	99
71) Naphthalene	14.081	128	254958	4.698	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	143731	5.013	ug/L	98

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

