

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054759.D
 Acq On : 05 Jul 2023 09:48
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005088

Quant Time: Jul 06 00:59:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232177	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	116773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65325	4.421	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.908	69	61517	4.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	27231	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.628	46	243756	58.674	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.340%
24) Chloroform-d	5.059	84	145293	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.699	65	74412	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	261565	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.689	67	90856	4.359	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.895	98	239397	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.178	79	34635	4.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	172327	56.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80901	5.205	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	93465	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	82456	3.801	ug/L	100
3) Chloromethane	1.519	50	99057	3.975	ug/L	96
5) Vinyl chloride	1.602	62	110337	4.313	ug/L	100
6) Bromomethane	1.856	94	61685	4.386	ug/L	95
8) Chloroethane	1.930	64	69090	4.506	ug/L	98
9) Trichlorofluoromethane	2.133	101	163295	5.193	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	94162	5.118	ug/L	98
12) 1,1-Dichloroethene	2.573	96	77454	4.599	ug/L	85
13) Acetone	2.638	43	234780	59.938	ug/L	100
14) Carbon disulfide	2.789	76	181514	3.635	ug/L	100
15) Methyl Acetate	2.953	43	41348	5.696	ug/L	98
16) Methylene chloride	3.043	84	107913	4.557	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	226659	5.453	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	79671	4.582	ug/L	99
19) 1,1-Dichloroethane	3.863	63	183192	5.091	ug/L	98
21) 2-Butanone	4.705	43	302999	59.603	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	99109	5.006	ug/L	97
23) Bromochloromethane	4.972	128	43285	5.254	ug/L	92
25) Chloroform	5.084	83	189427	5.340	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	117503	5.651	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	159311	5.233	ug/L	99
30) Cyclohexane	5.383	56	132448	3.994	ug/L	97
31) Carbon tetrachloride	5.522	117	138196	5.268	ug/L	99
33) Benzene	5.769	78	376961	4.672	ug/L	100
34) Trichloroethene	6.538	95	98618	4.622	ug/L	98
35) Methylcyclohexane	6.760	83	133560	4.141	ug/L	99
37) 1,2-Dichloropropane	6.789	63	108894	4.991	ug/L	100
38) Bromodichloromethane	7.100	83	136675	5.534	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	156063	5.239	ug/L	99
40) 4-Methyl-2-pentanone	7.789	43	672295	57.743	ug/L	99
42) Toluene	7.965	91	416809	5.016	ug/L	100
44) trans-1,3-Dichloropropene	8.207	75	130636	5.404	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	79228	5.708	ug/L	98
47) Tetrachloroethene	8.551	164	77020	4.716	ug/L	97
48) 2-Hexanone	8.682	43	509728	58.757	ug/L	99
49) Dibromochloromethane	8.808	129	88658	6.083	ug/L	98
50) 1,2-Dibromoethane	8.920	107	69913	5.487	ug/L	98
51) Chlorobenzene	9.444	112	258491	4.990	ug/L	99
52) Ethylbenzene	9.567	91	442605	4.877	ug/L	99
53) m,p-Xylene	9.692	106	168784	5.063	ug/L	98
54) o-Xylene	10.097	106	163663	5.076	ug/L	99
55) Styrene	10.113	104	288883	5.339	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	99749	5.658	ug/L	99
59) Bromoform	10.287	173	54299	6.477	ug/L	98
60) Isopropylbenzene	10.480	105	451733	5.288	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	69390	5.880	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	359341	5.156	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	373074	5.270	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	220071	5.511	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	216984	5.415	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	206768	5.630	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	16082	6.201	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	167036	5.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.837	180	139505	5.600	ug/L	99
71) Naphthalene	14.084	128	225235	5.560	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	127413	5.953	ug/L	99

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

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