

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058903.D
 Acq On : 15 May 2024 15:05
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005105

Quant Time: May 16 01:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41485	4.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.911	69	39840	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.567	65	17246	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.634	46	142432	59.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.180%
24) Chloroform-d	5.058	84	98502	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	48535	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	175583	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.685	67	60730	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	154855	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.177	79	21093	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.631	63	112155	57.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54415	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60007	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59370	5.302	ug/L	98
3) Chloromethane	1.518	50	67135	5.149	ug/L	100
5) Vinyl chloride	1.602	62	74010	5.298	ug/L	98
6) Bromomethane	1.856	94	44279	5.088	ug/L	98
8) Chloroethane	1.933	64	45425	5.117	ug/L	98
9) Trichlorofluoromethane	2.136	101	93243	5.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	59424	5.473	ug/L	97
12) 1,1-Dichloroethene	2.576	96	50944	5.343	ug/L	98
13) Acetone	2.650	43	103359	62.039	ug/L	99
14) Carbon disulfide	2.792	76	150063	4.967	ug/L	99
15) Methyl Acetate	2.959	43	21896	5.288	ug/L	95
16) Methylene chloride	3.042	84	63521	4.910	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	129457	5.223	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	52784	5.257	ug/L	98
19) 1,1-Dichloroethane	3.862	63	115515	5.504	ug/L	98
21) 2-Butanone	4.711	43	155393	58.154	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	62013	5.365	ug/L	98
23) Bromochloromethane	4.968	128	27084	5.305	ug/L	94
25) Chloroform	5.081	83	117284	5.348	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71961	5.371	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	91021	5.300	ug/L	100
30) Cyclohexane	5.383	56	86597	5.333	ug/L	96
31) Carbon tetrachloride	5.518	117	75798	5.291	ug/L	99
33) Benzene	5.769	78	246730	5.466	ug/L	100
34) Trichloroethene	6.537	95	63998	5.359	ug/L	97
35) Methylcyclohexane	6.759	83	89395	5.247	ug/L	98
37) 1,2-Dichloropropane	6.785	63	69178	5.398	ug/L	99
38) Bromodichloromethane	7.100	83	82056	5.342	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90549	5.185	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	372932	56.305	ug/L	99
42) Toluene	7.965	91	257903	5.477	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	76208	5.348	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	48871	5.421	ug/L	98
47) Tetrachloroethene	8.550	164	44748	5.260	ug/L	96
48) 2-Hexanone	8.679	43	279964	58.655	ug/L	98
49) Dibromochloromethane	8.804	129	51168	5.383	ug/L	100
50) 1,2-Dibromoethane	8.920	107	42870	5.382	ug/L	99
51) Chlorobenzene	9.441	112	159101	5.302	ug/L	98
52) Ethylbenzene	9.566	91	272048	5.351	ug/L	99
53) m,p-Xylene	9.688	106	99463	5.346	ug/L	97
54) o-Xylene	10.094	106	97736	5.371	ug/L	98
55) Styrene	10.110	104	171244	5.594	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61537	5.384	ug/L	98
59) Bromoform	10.283	173	29212	5.034	ug/L	98
60) Isopropylbenzene	10.479	105	266309	5.238	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42555	5.204	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	210484	5.194	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	212507	5.289	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	129229	5.224	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	127842	5.178	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121141	5.240	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	8702	5.290	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	95759	5.163	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	76111	4.972	ug/L	98
71) Naphthalene	14.084	128	108518	4.704	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68948	5.133	ug/L	98

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

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