

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081224\
 Data File : VU060400.D
 Acq On : 12 Aug 2024 12:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Aug 13 02:16:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95436	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	98845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51548	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28358	3.786	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.911	69	27438	4.062	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	12335	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.637	46	80462	50.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.220%
24) Chloroform-d	5.055	84	68677	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	32725	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.721	84	123918	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.682	67	39690	4.292	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.891	98	113127	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	14285	4.779	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	66296	49.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	35639	4.697	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	43348	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	27788	5.397	ug/L	98
3) Chloromethane	1.518	50	31756	4.959	ug/L	98
5) Vinyl chloride	1.602	62	36502	4.869	ug/L	97
6) Bromomethane	1.856	94	25529	4.808	ug/L	97
8) Chloroethane	1.930	64	24635	4.844	ug/L	96
9) Trichlorofluoromethane	2.133	101	59331	5.645	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	35055	5.061	ug/L	99
12) 1,1-Dichloroethene	2.573	96	32306	5.134	ug/L	90
13) Acetone	2.653	43	51724	47.643	ug/L	93
14) Carbon disulfide	2.785	76	73998	4.661	ug/L	98
15) Methyl Acetate	2.959	43	13350	5.935	ug/L	92
16) Methylene chloride	3.039	84	39785	4.448	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	79761	5.376	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	31194	5.053	ug/L	97
19) 1,1-Dichloroethane	3.862	63	68581	5.381	ug/L	99
21) 2-Butanone	4.718	43	83903	51.853	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	39131	5.251	ug/L	96
23) Bromochloromethane	4.972	128	17557	5.105	ug/L	95
25) Chloroform	5.078	83	74079	5.343	ug/L	99

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27) 1,2-Dichloroethane	5.788	62	42502	5.764	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	59149	5.466	ug/L	98
30) Cyclohexane	5.380	56	43661	4.984	ug/L	97
31) Carbon tetrachloride	5.515	117	52150	5.499	ug/L	97
33) Benzene	5.766	78	148898	5.232	ug/L	100
34) Trichloroethene	6.537	95	38669	5.191	ug/L	99
35) Methylcyclohexane	6.756	83	49004	5.038	ug/L	99
37) 1,2-Dichloropropane	6.785	63	42265	5.457	ug/L	99
38) Bromodichloromethane	7.097	83	51119	5.340	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	54747	5.204	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	207190	57.308	ug/L	98
42) Toluene	7.962	91	163529	5.438	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	47659	5.484	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	30745	5.183	ug/L	96
47) Tetrachloroethene	8.547	164	29103	4.995	ug/L	97
48) 2-Hexanone	8.679	43	154425	56.344	ug/L	96
49) Dibromochloromethane	8.801	129	35014	5.551	ug/L	97
50) 1,2-Dibromoethane	8.917	107	28324	5.364	ug/L	100
51) Chlorobenzene	9.441	112	106068	5.228	ug/L	97
52) Ethylbenzene	9.563	91	164613	5.196	ug/L	98
53) m,p-Xylene	9.688	106	63983	5.314	ug/L	97
54) o-Xylene	10.094	106	63262	5.491	ug/L	99
55) Styrene	10.110	104	110949	5.565	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	38934	5.278	ug/L	96
59) Bromoform	10.283	173	20723	5.294	ug/L	98
60) Isopropylbenzene	10.476	105	168842	5.425	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	26542	5.318	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	128433	5.360	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	130890	5.543	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	84746	5.342	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	84780	5.302	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	81240	5.424	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5430	5.804	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	59395	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	44798	4.760	ug/L	99
71) Naphthalene	14.084	128	62012	4.634	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	39512	4.686	ug/L	98

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

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