

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082924\
 Data File : VU060568.D
 Acq On : 29 Aug 2024 16:23
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Aug 29 23:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 29 23:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	45378	6.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 130.600%#	
7) Chloroethane-d5	1.908	69	39938	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 75.800%	
11) 1,1-Dichloroethene-d2	2.560	65	20596	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.600%	
20) 2-Butanone-d5	4.634	46	99783	41.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 83.520%	
24) Chloroform-d	5.055	84	100485	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.400%	
26) 1,2-Dichloroethane-d4	5.695	65	48349	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 93.600%	
32) Benzene-d6	5.721	84	193669	5.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 111.000%	
36) 1,2-Dichloropropane-d6	6.682	67	58812	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 104.400%	
41) Toluene-d8	7.891	98	182983	5.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.800%	
43) trans-1,3-Dichloroprop...	8.174	79	20147	5.000	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 100.000%	
46) 2-Hexanone-d5	8.628	63	79613	41.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 82.540%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47840	4.775	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 95.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	64611	5.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	84993	4.761	ug/L	99
3) Chloromethane	1.515	50	80103	5.179	ug/L	96
5) Vinyl chloride	1.599	62	85422	5.609	ug/L	98
6) Bromomethane	1.853	94	55385	3.614	ug/L	92
8) Chloroethane	1.930	64	48121	3.463	ug/L	98
9) Trichlorofluoromethane	2.133	101	122206	3.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	67217	4.799	ug/L	97
12) 1,1-Dichloroethene	2.573	96	61540	4.773	ug/L	93
13) Acetone	2.647	43	82345	41.189	ug/L	98
14) Carbon disulfide	2.785	76	194560	4.650	ug/L	98
15) Methyl Acetate	2.959	43	21748	5.320	ug/L	99
16) Methylene chloride	3.039	84	71606	5.718	ug/L	80
17) Methyl tert-butyl Ether	3.358	73	131648	5.031	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	63058	5.618	ug/L	97
19) 1,1-Dichloroethane	3.862	63	119329	5.246	ug/L	97
21) 2-Butanone	4.711	43	130380	47.688	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	68471	5.475	ug/L	90
23) Bromochloromethane	4.968	128	32998	5.805	ug/L #	91
25) Chloroform	5.078	83	124626	5.177	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	74438	4.607	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	110714	5.065	ug/L	97
30) Cyclohexane	5.380	56	84848	4.689	ug/L	93
31) Carbon tetrachloride	5.518	117	99874	4.944	ug/L	100
33) Benzene	5.766	78	265858	5.252	ug/L	100
34) Trichloroethene	6.534	95	71096	5.182	ug/L	98
35) Methylcyclohexane	6.756	83	94826	5.037	ug/L	95
37) 1,2-Dichloropropane	6.782	63	70880	5.465	ug/L #	97
38) Bromodichloromethane	7.097	83	87299	5.122	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	94228	4.955	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	319130	47.245	ug/L	93
42) Toluene	7.962	91	292672	5.472	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	80068	5.129	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	51105	5.439	ug/L	97
47) Tetrachloroethene	8.547	164	59306	5.274	ug/L	94
48) 2-Hexanone	8.679	43	237691	47.019	ug/L	95
49) Dibromochloromethane	8.804	129	61487	5.653	ug/L	99
50) 1,2-Dibromoethane	8.917	107	49299	5.716	ug/L #	97
51) Chlorobenzene	9.441	112	183611	5.303	ug/L	96
52) Ethylbenzene	9.563	91	285389	5.035	ug/L	99
53) m,p-Xylene	9.689	106	117108	5.557	ug/L	95
54) o-Xylene	10.094	106	109518	5.076	ug/L	92
55) Styrene	10.110	104	187888	5.315	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	60824	5.070	ug/L	96
59) Bromoform	10.283	173	37934	5.499	ug/L	96
60) Isopropylbenzene	10.480	105	286236	5.105	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	42834	5.291	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	217504	5.204	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	217629	5.105	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	144994	5.284	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	139947	5.025	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	132869	5.161	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8596	4.704	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.213	180	101004	4.773	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	75610	4.429	ug/L	97
71) Naphthalene	14.081	128	96547	4.426	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	67433	4.720	ug/L	100

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

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