

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056718.D
 Acq On : 08 Dec 2023 22:36
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005192

Quant Time: Dec 08 23:23:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 08 20:56:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278223	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	271944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133116	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	112847	5.423	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.400%	
7) Chloroethane-d5	1.907	69	74458	4.667	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.560	65	47976	5.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.400%	
20) 2-Butanone-d5	4.618	46	197259	47.537	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.080%	
24) Chloroform-d	5.055	84	201777	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.695	65	94059	5.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.721	84	398343	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.682	67	120663	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.891	98	356810	4.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	8.174	79	43532	4.648	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.627	63	164954	44.820	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.640%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82576	4.732	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	118558	4.821	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	69612	3.158	ug/L	98
3) Chloromethane	1.515	50	72261	3.208	ug/L	98
5) Vinyl chloride	1.602	62	78661	3.624	ug/L	100
6) Bromomethane	1.853	94	41987	3.822	ug/L	95
8) Chloroethane	1.930	64	47497	3.582	ug/L	99
9) Trichlorofluoromethane	2.133	101	133579	4.271	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	88058	4.742	ug/L	99
12) 1,1-Dichloroethene	2.576	96	72241	4.242	ug/L	94
13) Acetone	2.628	43	115475	32.673	ug/L	100
14) Carbon disulfide	2.788	76	156835	2.830	ug/L	99
15) Methyl Acetate	2.949	43	31161	4.954	ug/L	98
16) Methylene chloride	3.039	84	92193	4.090	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	204231	4.936	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	74507	4.252	ug/L	98
19) 1,1-Dichloroethane	3.859	63	172041	4.956	ug/L	98
21) 2-Butanone	4.698	43	190433	41.525	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	95303	4.796	ug/L	96
23) Bromochloromethane	4.968	128	38269	4.678	ug/L	95
25) Chloroform	5.081	83	185311	4.927	ug/L	99

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27) 1,2-Dichloroethane	5.788	62	105301	4.931	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	154131	4.938	ug/L	99
30) Cyclohexane	5.380	56	107930	3.643	ug/L	99
31) Carbon tetrachloride	5.518	117	129254	4.821	ug/L	97
33) Benzene	5.766	78	360245	4.643	ug/L	100
34) Trichloroethene	6.534	95	95408	4.513	ug/L	97
35) Methylcyclohexane	6.756	83	115586	3.787	ug/L	99
37) 1,2-Dichloropropane	6.782	63	100628	4.973	ug/L	100
38) Bromodichloromethane	7.097	83	129649	4.963	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	138407	4.655	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	485271	48.378	ug/L	99
42) Toluene	7.962	91	385397	4.797	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	112325	4.739	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	69588	5.164	ug/L	98
47) Tetrachloroethene	8.547	164	64171	4.501	ug/L	96
48) 2-Hexanone	8.679	43	350740	44.884	ug/L	99
49) Dibromochloromethane	8.801	129	79622	5.196	ug/L	97
50) 1,2-Dibromoethane	8.917	107	61239	4.813	ug/L	98
51) Chlorobenzene	9.441	112	250310	4.849	ug/L	98
52) Ethylbenzene	9.566	91	430384	4.825	ug/L	97
53) m,p-Xylene	9.688	106	158242	4.825	ug/L	98
54) o-Xylene	10.094	106	157680	4.950	ug/L	100
55) Styrene	10.110	104	269916	5.094	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	87002	5.287	ug/L	98
59) Bromoform	10.283	173	45296	5.463	ug/L #	99
60) Isopropylbenzene	10.479	105	431402	5.025	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	59759	5.232	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	344926	4.893	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	346414	4.979	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	199747	5.115	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	194456	4.964	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	185125	5.167	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	11212	4.596	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	147170	5.006	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	108782	4.543	ug/L	98
71) Naphthalene	14.081	128	144855	4.004	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	90677	4.597	ug/L	97

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

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