

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120823\
 Data File : VU056694.D
 Acq On : 08 Dec 2023 11:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005191

Quant Time: Dec 08 20:53:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	276687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	121164	5.697	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.000%
7) Chloroethane-d5	1.907	69	80393	4.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.563	65	50949	5.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.621	46	210554	49.646	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.055	84	214296	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	97596	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	423078	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.685	67	124193	4.999	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	379354	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	8.177	79	49983	5.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.630	63	178671	47.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88730	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	119158	4.853	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	78739	3.495	ug/L	98
3) Chloromethane	1.518	50	78947	3.429	ug/L	97
5) Vinyl chloride	1.602	62	86092	3.881	ug/L	95
6) Bromomethane	1.853	94	45264	4.031	ug/L	97
8) Chloroethane	1.930	64	53338	3.936	ug/L	95
9) Trichlorofluoromethane	2.136	101	148235	4.637	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	97129	5.118	ug/L	100
12) 1,1-Dichloroethene	2.576	96	79844	4.587	ug/L	92
13) Acetone	2.627	43	147200	40.751	ug/L	100
14) Carbon disulfide	2.791	76	170638	3.012	ug/L	97
15) Methyl Acetate	2.949	43	32646	5.079	ug/L	99
16) Methylene chloride	3.042	84	100960	4.383	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	225745	5.338	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	82419	4.602	ug/L	99
19) 1,1-Dichloroethane	3.862	63	187440	5.283	ug/L	98
21) 2-Butanone	4.698	43	216096	46.104	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	102044	5.024	ug/L	99
23) Bromochloromethane	4.968	128	43198	5.167	ug/L	92
25) Chloroform	5.084	83	200860	5.226	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	114222	5.234	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	168411	5.303	ug/L	99
30) Cyclohexane	5.383	56	123421	4.094	ug/L	99
31) Carbon tetrachloride	5.518	117	139441	5.112	ug/L	98
33) Benzene	5.769	78	394271	4.994	ug/L	100
34) Trichloroethene	6.537	95	106602	4.956	ug/L	99
35) Methylcyclohexane	6.759	83	133995	4.315	ug/L	99
37) 1,2-Dichloropropane	6.785	63	109080	5.298	ug/L	100
38) Bromodichloromethane	7.100	83	142336	5.355	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	154715	5.114	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	542095	53.117	ug/L	99
42) Toluene	7.965	91	417915	5.113	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	127167	5.273	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	75386	5.498	ug/L	96
47) Tetrachloroethene	8.550	164	69875	4.817	ug/L	96
48) 2-Hexanone	8.682	43	403594	50.762	ug/L	98
49) Dibromochloromethane	8.804	129	87377	5.604	ug/L	99
50) 1,2-Dibromoethane	8.920	107	66223	5.116	ug/L	97
51) Chlorobenzene	9.444	112	276246	5.260	ug/L	99
52) Ethylbenzene	9.566	91	470700	5.186	ug/L	100
53) m,p-Xylene	9.691	106	173257	5.193	ug/L	100
54) o-Xylene	10.097	106	172097	5.310	ug/L	97
55) Styrene	10.113	104	296037	5.491	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	95740	5.719	ug/L	94
59) Bromoform	10.286	173	48120	5.813	ug/L	100
60) Isopropylbenzene	10.479	105	481266	5.615	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64138	5.625	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	390109	5.543	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	393590	5.666	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	220414	5.653	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	212881	5.443	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	199773	5.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	12563	5.158	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	166024	5.656	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	126786	5.303	ug/L	100
71) Naphthalene	14.084	128	168938	4.677	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106003	5.382	ug/L	95

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

