

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054496.D
 Acq On : 12 Jun 2023 19:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Jun 13 02:32:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	318342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	304496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	162814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	54792	2.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.000%
7) Chloroethane-d5	1.911	69	61867	3.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.563	65	26259	2.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	4.637	46	278805	48.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	5.058	84	165667	3.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	5.698	65	80770	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.724	84	301571	3.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.688	67	105550	3.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.894	98	265639	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	36038	3.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.630	63	183827	44.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.140%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91160	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	107469	3.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	143238	4.815	ug/L	100
3) Chloromethane	1.518	50	165348	4.839	ug/L	99
5) Vinyl chloride	1.602	62	169663	4.837	ug/L	98
6) Bromomethane	1.856	94	96256	4.992	ug/L	99
8) Chloroethane	1.933	64	105910	5.038	ug/L	100
9) Trichlorofluoromethane	2.136	101	215688	5.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	124316	4.928	ug/L	97
12) 1,1-Dichloroethene	2.576	96	116558	5.048	ug/L	97
13) Acetone	2.650	43	197323	36.740	ug/L	98
14) Carbon disulfide	2.792	76	331622	4.843	ug/L	100
15) Methyl Acetate	2.962	43	51866	5.211	ug/L	94
16) Methylene chloride	3.042	84	148313	4.568	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	283866	4.981	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	116772	4.898	ug/L	98
19) 1,1-Dichloroethane	3.865	63	250897	5.086	ug/L	99
21) 2-Butanone	4.717	43	330833	47.464	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	135581	4.994	ug/L	98
23) Bromochloromethane	4.971	128	58830	5.208	ug/L	93
25) Chloroform	5.084	83	246475	5.068	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	143135	5.021	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	208123	5.041	ug/L	100
30) Cyclohexane	5.386	56	207618	4.617	ug/L	98
31) Carbon tetrachloride	5.521	117	179029	5.032	ug/L	100
33) Benzene	5.769	78	530439	4.847	ug/L	100
34) Trichloroethene	6.537	95	142698	4.931	ug/L	96
35) Methylcyclohexane	6.759	83	199595	4.563	ug/L	100
37) 1,2-Dichloropropane	6.788	63	145983	4.934	ug/L	99
38) Bromodichloromethane	7.100	83	168953	5.044	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	195592	4.842	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	794395	50.309	ug/L	100
42) Toluene	7.965	91	571230	5.069	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	163784	4.996	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	97575	5.184	ug/L	100
47) Tetrachloroethene	8.550	164	104835	4.733	ug/L	99
48) 2-Hexanone	8.682	43	576056	48.962	ug/L	99
49) Dibromochloromethane	8.807	129	104202	5.272	ug/L	98
50) 1,2-Dibromoethane	8.920	107	86783	5.022	ug/L	96
51) Chlorobenzene	9.444	112	351858	5.009	ug/L	98
52) Ethylbenzene	9.566	91	607258	4.934	ug/L	100
53) m,p-Xylene	9.692	106	227063	5.022	ug/L	98
54) o-Xylene	10.097	106	223607	5.114	ug/L	99
55) Styrene	10.110	104	386495	5.266	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	119271	4.988	ug/L	100
59) Bromoform	10.286	173	60627	5.187	ug/L	100
60) Isopropylbenzene	10.479	105	602208	5.056	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	81219	4.936	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	483141	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	495984	5.025	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	282153	5.068	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	281074	5.030	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	258591	5.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	18560	5.133	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	205360	4.889	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	164438	4.734	ug/L	98
71) Naphthalene	14.084	128	243409	4.310	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	142673	4.781	ug/L	99

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

