

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054769.D
 Acq On : 05 Jul 2023 15:00
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005089

Quant Time: Jul 06 01:04:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 06 01:01:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	204138	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48897	3.764	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.907	69	46631	3.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.563	65	22730	3.917	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.624	46	196166	53.705	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.400%
24) Chloroform-d	5.058	84	122642	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.698	65	63623	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	216556	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.689	67	73107	3.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.898	98	201839	4.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	30829	4.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.631	63	141000	52.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68208	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	82696	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	74219	3.891	ug/L	98
3) Chloromethane	1.518	50	84907	3.875	ug/L	97
5) Vinyl chloride	1.602	62	94840	4.217	ug/L	99
6) Bromomethane	1.853	94	54586	4.415	ug/L	100
8) Chloroethane	1.927	64	62644	4.647	ug/L	97
9) Trichlorofluoromethane	2.133	101	152270	5.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	84586	5.229	ug/L	97
12) 1,1-Dichloroethene	2.573	96	69907	4.721	ug/L	94
13) Acetone	2.634	43	188042	54.600	ug/L	98
14) Carbon disulfide	2.788	76	155728	3.547	ug/L	100
15) Methyl Acetate	2.952	43	34836	5.458	ug/L	99
16) Methylene chloride	3.042	84	103450	4.969	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	201377	5.510	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	70287	4.598	ug/L	98
19) 1,1-Dichloroethane	3.866	63	165777	5.240	ug/L	99
21) 2-Butanone	4.705	43	251050	56.167	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	90950	5.224	ug/L	95
23) Bromochloromethane	4.972	128	39984	5.520	ug/L	92
25) Chloroform	5.084	83	172142	5.519	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	103979	5.688	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	148964	5.518	ug/L	98
30) Cyclohexane	5.383	56	113183	3.849	ug/L	95
31) Carbon tetrachloride	5.521	117	127920	5.499	ug/L	100
33) Benzene	5.769	78	334181	4.671	ug/L	100
34) Trichloroethene	6.541	95	92529	4.891	ug/L	96
35) Methylcyclohexane	6.759	83	118781	4.154	ug/L	99
37) 1,2-Dichloropropane	6.788	63	93700	4.843	ug/L	99
38) Bromodichloromethane	7.103	83	122733	5.605	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	137272	5.197	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	566340	54.858	ug/L	100
42) Toluene	7.968	91	373438	5.068	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	118961	5.550	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	70358	5.717	ug/L	98
47) Tetrachloroethene	8.550	164	71398	4.930	ug/L	98
48) 2-Hexanone	8.682	43	427610	55.589	ug/L	99
49) Dibromochloromethane	8.807	129	80230	6.209	ug/L	99
50) 1,2-Dibromoethane	8.920	107	62738	5.553	ug/L	98
51) Chlorobenzene	9.444	112	237896	5.180	ug/L	100
52) Ethylbenzene	9.570	91	397282	4.937	ug/L	100
53) m,p-Xylene	9.692	106	150863	5.103	ug/L	99
54) o-Xylene	10.100	106	149011	5.213	ug/L	98
55) Styrene	10.113	104	257920	5.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	87862	5.621	ug/L	99
59) Bromoform	10.287	173	48988	6.221	ug/L	100
60) Isopropylbenzene	10.483	105	407360	5.077	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	59740	5.389	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	329071	5.026	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	333542	5.016	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	199676	5.324	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	199909	5.311	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	187935	5.448	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.997	75	14000	5.747	ug/L	99
69) 1,3,5-Trichlorobenzene	13.219	180	152820	5.400	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	123969	5.297	ug/L	99
71) Naphthalene	14.084	128	184402	4.846	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	110203	5.482	ug/L	97

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

