

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055479.D
 Acq On : 22 Sep 2023 23:06
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005140

Quant Time: Sep 25 01:16:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	327694	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	334475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	187718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	110795	3.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.911	69	106349	3.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.563	65	49831	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.631	46	312933	52.311	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.620%
24) Chloroform-d	5.058	84	276300	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.698	65	137511	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.724	84	515674	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.688	67	159352	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.894	98	466091	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	56779	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.631	63	188118	50.417	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	132059	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	174247	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	145370	4.557	ug/L	99
3) Chloromethane	1.515	50	129927	4.629	ug/L	98
5) Vinyl chloride	1.602	62	145164	4.794	ug/L	99
6) Bromomethane	1.856	94	72027	3.745	ug/L	100
8) Chloroethane	1.933	64	89343	4.522	ug/L	98
9) Trichlorofluoromethane	2.136	101	202440	4.821	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119150	4.663	ug/L	98
12) 1,1-Dichloroethene	2.576	96	113080	4.935	ug/L	91
13) Acetone	2.647	43	150063	44.006	ug/L	97
14) Carbon disulfide	2.792	76	343760	4.991	ug/L	99
15) Methyl Acetate	2.952	43	40035	5.149	ug/L	99
16) Methylene chloride	3.042	84	138650	5.051	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	251927	5.069	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	114804	4.971	ug/L	99
19) 1,1-Dichloroethane	3.865	63	215038	5.035	ug/L	100
21) 2-Butanone	4.714	43	253771	50.740	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	129429	4.834	ug/L	98
23) Bromochloromethane	4.968	128	55482	4.903	ug/L	94
25) Chloroform	5.084	83	230573	5.099	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	138705	5.002	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	198531	5.207	ug/L	99
30) Cyclohexane	5.386	56	174341	4.995	ug/L	100
31) Carbon tetrachloride	5.521	117	170915	5.229	ug/L	98
33) Benzene	5.772	78	493214	5.123	ug/L	100
34) Trichloroethene	6.537	95	133487	4.902	ug/L	99
35) Methylcyclohexane	6.759	83	186277	4.749	ug/L	98
37) 1,2-Dichloropropane	6.788	63	121521	4.827	ug/L	99
38) Bromodichloromethane	7.103	83	154959	5.252	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	171903	5.116	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	594103	52.020	ug/L	99
42) Toluene	7.965	91	530592	5.167	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	139395	5.185	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	89158	5.051	ug/L	99
47) Tetrachloroethene	8.550	164	95343	4.881	ug/L	92
48) 2-Hexanone	8.682	43	463043	52.314	ug/L	97
49) Dibromochloromethane	8.807	129	100325	5.422	ug/L	91
50) 1,2-Dibromoethane	8.920	107	84768	5.174	ug/L	99
51) Chlorobenzene	9.444	112	332325	5.053	ug/L	97
52) Ethylbenzene	9.566	91	561521	5.101	ug/L	98
53) m,p-Xylene	9.692	106	215976	5.235	ug/L	99
54) o-Xylene	10.097	106	205760	5.130	ug/L	99
55) Styrene	10.113	104	349391	5.387	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	104371	5.237	ug/L	98
59) Bromoform	10.286	173	53354	5.303	ug/L	100
60) Isopropylbenzene	10.483	105	552201	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	75662	5.163	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	444079	5.133	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	432593	5.108	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	261568	5.050	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	257477	4.974	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	241291	5.081	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	14227	5.601	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	175225	4.912	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	133932	4.925	ug/L	98
71) Naphthalene	14.084	128	189571	4.815	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	117646	4.972	ug/L	98

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

