

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055413.D
 Acq On : 20 Sep 2023 09:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Sep 21 00:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	274061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	147744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	126843	4.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.911	69	112162	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	54262	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.628	46	239642	49.387	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.780%
24) Chloroform-d	5.058	84	243972	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.698	65	117914	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.724	84	488600	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.689	67	142056	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.894	98	450115	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.177	79	48690	4.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.631	63	147013	48.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105978	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	149416	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	117821	4.553	ug/L	99
3) Chloromethane	1.515	50	103827	4.561	ug/L	98
5) Vinyl chloride	1.602	62	113036	4.602	ug/L	95
6) Bromomethane	1.856	94	70801	4.539	ug/L	96
8) Chloroethane	1.930	64	72881	4.548	ug/L	98
9) Trichlorofluoromethane	2.136	101	154896	4.548	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	93123	4.493	ug/L	97
12) 1,1-Dichloroethene	2.576	96	85894	4.622	ug/L	94
13) Acetone	2.640	43	113074	40.880	ug/L	99
14) Carbon disulfide	2.788	76	265684	4.756	ug/L	99
15) Methyl Acetate	2.952	43	32902	5.217	ug/L	99
16) Methylene chloride	3.042	84	110612	4.968	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	188614	4.679	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	88244	4.711	ug/L	100
19) 1,1-Dichloroethane	3.865	63	164174	4.739	ug/L	99
21) 2-Butanone	4.711	43	180001	44.370	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	97662	4.497	ug/L	99
23) Bromochloromethane	4.968	128	42879	4.671	ug/L	98
25) Chloroform	5.084	83	177927	4.851	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055413.D
 Acq On : 20 Sep 2023 09:42
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Sep 21 00:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	108741	4.834	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	150008	4.801	ug/L	98
30) Cyclohexane	5.386	56	132164	4.621	ug/L	98
31) Carbon tetrachloride	5.521	117	129303	4.828	ug/L	97
33) Benzene	5.772	78	386257	4.897	ug/L	100
34) Trichloroethene	6.541	95	104502	4.684	ug/L	99
35) Methylcyclohexane	6.759	83	146789	4.567	ug/L	100
37) 1,2-Dichloropropane	6.788	63	94653	4.588	ug/L	99
38) Bromodichloromethane	7.103	83	116543	4.821	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	125335	4.552	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	444687	47.520	ug/L	100
42) Toluene	7.968	91	415865	4.943	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	100685	4.571	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	68285	4.721	ug/L	96
47) Tetrachloroethene	8.550	164	76973	4.809	ug/L	98
48) 2-Hexanone	8.682	43	336509	46.399	ug/L	99
49) Dibromochloromethane	8.807	129	73492	4.847	ug/L	99
50) 1,2-Dibromoethane	8.920	107	65868	4.907	ug/L #	100
51) Chlorobenzene	9.444	112	255326	4.738	ug/L	98
52) Ethylbenzene	9.569	91	431287	4.781	ug/L	98
53) m,p-Xylene	9.692	106	162218	4.799	ug/L	98
54) o-Xylene	10.100	106	159231	4.845	ug/L	95
55) Styrene	10.113	104	265362	4.994	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	76767	4.701	ug/L	97
59) Bromoform	10.290	173	39792	5.025	ug/L	98
60) Isopropylbenzene	10.483	105	419858	4.931	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	54506	4.726	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	329102	4.833	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	319865	4.799	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	197085	4.834	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	196660	4.827	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	181712	4.862	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	10594	5.299	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	125674	4.477	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	95144	4.445	ug/L	98
71) Naphthalene	14.087	128	133270	4.301	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	83830	4.501	ug/L	98

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

