

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030922\
 Data File : U047407.D
 Acq On : 09 Mar 2022 15:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Mar 10 00:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	175116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	165855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46847	4.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.919	69	34687	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.571	65	20521	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.645	46	84649	50.060	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.070	84	74015	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	37182	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.732	84	155325	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.693	67	45840	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.899	98	154623	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.182	79	19808	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.635	63	89916	52.090	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39834	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	60295	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66966	5.107	ug/L	100
3) Chloromethane	1.526	50	64092	4.895	ug/L	99
5) Vinyl chloride	1.607	62	65153	5.059	ug/L	98
6) Bromomethane	1.864	94	37536	5.112	ug/L	98
8) Chloroethane	1.941	64	38856	4.968	ug/L	98
9) Trichlorofluoromethane	2.144	101	87196	5.139	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	55255	5.274	ug/L	100
12) 1,1-Dichloroethene	2.587	96	51696	5.028	ug/L	97
13) Acetone	2.661	43	76430	49.195	ug/L	98
14) Carbon disulfide	2.800	76	158114	5.010	ug/L	100
15) Methyl Acetate	2.964	43	24117	5.874	ug/L	96
16) Methylene chloride	3.050	84	56565	4.609	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	132156	4.984	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	55392	5.032	ug/L	98
19) 1,1-Dichloroethane	3.874	63	93616	5.001	ug/L	100
21) 2-Butanone	4.726	43	141623	50.619	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	61380	5.032	ug/L	99
23) Bromochloromethane	4.980	128	30015	5.150	ug/L	98
25) Chloroform	5.092	83	101093	4.987	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047407.D
 Acq On : 09 Mar 2022 15:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Mar 10 00:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64660	4.955	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	88074	5.140	ug/L	99
30) Cyclohexane	5.391	56	85094	5.155	ug/L	99
31) Carbon tetrachloride	5.529	117	78280	5.201	ug/L	99
33) Benzene	5.777	78	225465	5.033	ug/L	100
34) Trichloroethene	6.542	95	60755	5.074	ug/L	98
35) Methylcyclohexane	6.764	83	98537	5.217	ug/L	99
37) 1,2-Dichloropropane	6.793	63	57289	5.135	ug/L	100
38) Bromodichloromethane	7.108	83	74345	5.020	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	89515	5.293	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	405348	53.303	ug/L	99
42) Toluene	7.970	91	254590	5.232	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	79135	5.188	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	48219	5.274	ug/L	99
47) Tetrachloroethene	8.555	164	52626	5.181	ug/L	97
48) 2-Hexanone	8.687	43	297389	53.902	ug/L	99
49) Dibromochloromethane	8.812	129	57017	5.134	ug/L	95
50) 1,2-Dibromoethane	8.925	107	48413	5.204	ug/L	98
51) Chlorobenzene	9.446	112	166369	5.111	ug/L	100
52) Ethylbenzene	9.571	91	274921	5.217	ug/L	98
53) m,p-Xylene	9.693	106	109287	5.286	ug/L	100
54) o-Xylene	10.102	106	103538	5.169	ug/L	100
55) Styrene	10.114	104	176753	5.220	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	62029	5.068	ug/L	100
59) Bromoform	10.291	173	36889	5.154	ug/L	99
60) Isopropylbenzene	10.484	105	275755	5.184	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44075	5.005	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	181066	5.190	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	235151	5.196	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	145218	5.151	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	144943	5.063	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	138493	5.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	10347	5.212	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	124788	5.397	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	109516	5.314	ug/L	100
71) Naphthalene	14.085	128	200450	5.437	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	101097	5.349	ug/L	99

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

