

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053684.D
 Acq On : 13 Apr 2023 15:08
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Apr 14 02:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	77922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	58661	6.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.400%
7) Chloroethane-d5	1.909	69	44178	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.562	65	20847	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.623	46	90826	41.025	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.060%
24) Chloroform-d	5.060	84	88553	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.700	65	43116	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.723	84	176128	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	53537	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.896	98	171989	4.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.176	79	22133	4.907	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.629	63	82367	44.961	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	42280	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	60915	4.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	54413	5.397	ug/L	98
3) Chloromethane	1.517	50	59174	5.835	ug/L	100
5) Vinyl chloride	1.601	62	67424	5.896	ug/L	100
6) Bromomethane	1.855	94	42104	5.813	ug/L	98
8) Chloroethane	1.928	64	39039	5.873	ug/L	96
9) Trichlorofluoromethane	2.134	101	90985	5.269	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	51251	5.856	ug/L	97
12) 1,1-Dichloroethene	2.575	96	44442	5.588	ug/L	92
13) Acetone	2.633	43	71257	54.235	ug/L #	51
14) Carbon disulfide	2.787	76	119819	5.133	ug/L	98
15) Methyl Acetate	2.951	43	14913	4.839	ug/L	94
16) Methylene chloride	3.041	84	46928	4.493	ug/L	94
17) Methyl tert-butyl Ether	3.359	73	102100	5.295	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	45635	5.524	ug/L	91
19) 1,1-Dichloroethane	3.864	63	79424	5.219	ug/L	96
21) 2-Butanone	4.703	43	102307	50.148	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	50498	4.537	ug/L	91
23) Bromochloromethane	4.973	128	23393	5.938	ug/L	89
25) Chloroform	5.083	83	87575	5.594	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053684.D
 Acq On : 13 Apr 2023 15:08
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Apr 14 02:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	53712	5.477	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	74951	5.578	ug/L	96
30) Cyclohexane	5.385	56	67453	4.712	ug/L	95
31) Carbon tetrachloride	5.520	117	65140	5.729	ug/L	98
33) Benzene	5.771	78	187150	5.132	ug/L	100
34) Trichloroethene	6.539	95	51774	5.331	ug/L	89
35) Methylcyclohexane	6.761	83	82559	4.954	ug/L	98
37) 1,2-Dichloropropane	6.787	63	47332	4.916	ug/L	100
38) Bromodichloromethane	7.102	83	57213	5.350	ug/L #	97
39) cis-1,3-Dichloropropene	7.604	75	69331	4.874	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	234045	49.671	ug/L	98
42) Toluene	7.967	91	204999	5.145	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	58046	5.015	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	36826	5.387	ug/L	93
47) Tetrachloroethene	8.552	164	40093	5.619	ug/L	96
48) 2-Hexanone	8.681	43	183854	52.770	ug/L	97
49) Dibromochloromethane	8.806	129	37441	5.538	ug/L	97
50) 1,2-Dibromoethane	8.922	107	34210	5.181	ug/L	99
51) Chlorobenzene	9.446	112	132980	5.291	ug/L	100
52) Ethylbenzene	9.568	91	221107	5.091	ug/L	99
53) m,p-Xylene	9.693	106	86316	5.214	ug/L	100
54) o-Xylene	10.099	106	82449	5.248	ug/L	98
55) Styrene	10.111	104	139152	5.394	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	43401	5.027	ug/L	95
59) Bromoform	10.288	173	19367	4.827	ug/L	98
60) Isopropylbenzene	10.481	105	222948	4.710	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	30933	4.791	ug/L	96
62) 1,3,5-Trimethylbenzene	11.086	105	185828	4.838	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	188044	4.781	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	106132	5.100	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	108231	5.180	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	100964	5.118	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	5667	4.527	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.217	180	76116	5.240	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	65181	5.643	ug/L	99
71) Naphthalene	14.086	128	114982	5.284	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	59265	5.878	ug/L	99

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

