

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056676.D
 Acq On : 07 Dec 2023 08:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Dec 08 02:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	245925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	245173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65600	3.566	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.911	69	60516	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.563	65	31878	3.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.628	46	211828	57.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.500%
24) Chloroform-d	5.059	84	170474	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.698	65	80810	4.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.724	84	302609	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.685	67	98642	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.894	98	264547	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	34597	4.097	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.631	63	166088	50.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81623	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	92962	4.162	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	73847	3.790	ug/L	97
3) Chloromethane	1.518	50	78028	3.919	ug/L	98
5) Vinyl chloride	1.602	62	83320	4.343	ug/L	95
6) Bromomethane	1.856	94	49099	5.056	ug/L	92
8) Chloroethane	1.933	64	52902	4.514	ug/L	97
9) Trichlorofluoromethane	2.136	101	139579	5.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	87648	5.340	ug/L	97
12) 1,1-Dichloroethene	2.576	96	73120	4.857	ug/L	91
13) Acetone	2.637	43	117164	37.505	ug/L	100
14) Carbon disulfide	2.792	76	160890	3.284	ug/L	99
15) Methyl Acetate	2.953	43	30410	5.470	ug/L	100
16) Methylene chloride	3.043	84	95135	4.775	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	203479	5.563	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	76638	4.948	ug/L	99
19) 1,1-Dichloroethane	3.862	63	175833	5.731	ug/L	98
21) 2-Butanone	4.708	43	191755	47.305	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	97645	5.559	ug/L	96
23) Bromochloromethane	4.969	128	40783	5.641	ug/L	97
25) Chloroform	5.081	83	190210	5.722	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056676.D
 Acq On : 07 Dec 2023 08:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Dec 08 02:03:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	107096	5.674	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	158136	5.619	ug/L	98
30) Cyclohexane	5.383	56	107105	4.010	ug/L	99
31) Carbon tetrachloride	5.518	117	128827	5.330	ug/L	99
33) Benzene	5.769	78	357123	5.105	ug/L	100
34) Trichloroethene	6.538	95	98450	5.165	ug/L	98
35) Methylcyclohexane	6.759	83	110675	4.022	ug/L	95
37) 1,2-Dichloropropane	6.785	63	98546	5.402	ug/L	99
38) Bromodichloromethane	7.100	83	133200	5.656	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	134281	5.009	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	506217	55.977	ug/L	99
42) Toluene	7.965	91	380437	5.253	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	114687	5.367	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	72457	5.964	ug/L	96
47) Tetrachloroethene	8.550	164	67775	5.273	ug/L	96
48) 2-Hexanone	8.682	43	360244	51.133	ug/L	98
49) Dibromochloromethane	8.804	129	82487	5.970	ug/L	94
50) 1,2-Dibromoethane	8.920	107	62769	5.472	ug/L	97
51) Chlorobenzene	9.444	112	252869	5.434	ug/L	98
52) Ethylbenzene	9.566	91	422071	5.248	ug/L	98
53) m,p-Xylene	9.692	106	154532	5.227	ug/L	98
54) o-Xylene	10.097	106	153421	5.342	ug/L	100
55) Styrene	10.110	104	262717	5.499	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	90039	6.069	ug/L	95
59) Bromoform	10.287	173	46654	6.195	ug/L	99
60) Isopropylbenzene	10.480	105	428503	5.496	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	60566	5.838	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	330169	5.157	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	331749	5.250	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	195310	5.507	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	191826	5.392	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	184181	5.660	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11560	5.217	ug/L	93
69) 1,3,5-Trichlorobenzene	13.213	180	138188	5.175	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	99320	4.567	ug/L	96
71) Naphthalene	14.084	128	133214	4.054	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	83157	4.641	ug/L	100

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

Quant Time: Dec 08 02:03:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration

