

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056204.D
 Acq On : 11 Nov 2023 09:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Nov 11 20:17:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	446791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	430717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	216970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99897	3.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.911	69	76476	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.564	65	47877	3.919	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.628	46	219729	48.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.056	84	227401	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.695	65	96882	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.724	84	443333	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.686	67	129844	4.264	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.895	98	409613	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.174	79	47411	4.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	204580	53.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101625	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	138867	4.150	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	160555	4.237	ug/L	100
3) Chloromethane	1.515	50	156184	4.400	ug/L	97
5) Vinyl chloride	1.602	62	157647	4.293	ug/L	96
6) Bromomethane	1.856	94	88655	4.203	ug/L	99
8) Chloroethane	1.930	64	82059	4.122	ug/L	99
9) Trichlorofluoromethane	2.133	101	214299	4.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.577	101	138804	4.486	ug/L	98
12) 1,1-Dichloroethene	2.577	96	129395	4.506	ug/L	96
13) Acetone	2.638	43	147636	44.001	ug/L	99
14) Carbon disulfide	2.789	76	402413	4.112	ug/L	99
15) Methyl Acetate	2.953	43	40418	4.269	ug/L	99
16) Methylene chloride	3.040	84	141130	4.286	ug/L	99
17) Methyl tert-butyl Ether	3.358	73	274908	4.249	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	132261	4.346	ug/L	99
19) 1,1-Dichloroethane	3.863	63	244966	4.413	ug/L	97
21) 2-Butanone	4.708	43	256445	46.344	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	145706	4.436	ug/L	98
23) Bromochloromethane	4.969	128	63349	4.346	ug/L	96
25) Chloroform	5.081	83	258299	4.367	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056204.D
 Acq On : 11 Nov 2023 09:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Nov 11 20:17:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	143261	4.279	ug/L	97
29) 1,1,1-Trichloroethane	5.310	97	220589	4.470	ug/L	99
30) Cyclohexane	5.387	56	204756	4.441	ug/L	99
31) Carbon tetrachloride	5.519	117	194199	4.432	ug/L	99
33) Benzene	5.769	78	558756	4.530	ug/L	100
34) Trichloroethene	6.538	95	152426	4.525	ug/L	96
35) Methylcyclohexane	6.760	83	224239	4.479	ug/L	100
37) 1,2-Dichloropropane	6.785	63	138707	4.325	ug/L	100
38) Bromodichloromethane	7.100	83	171100	4.272	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	201139	4.444	ug/L	98
40) 4-Methyl-2-pentanone	7.789	43	639238	45.567	ug/L	99
42) Toluene	7.965	91	602570	4.635	ug/L	100
44) trans-1,3-Dichloropropene	8.207	75	160901	4.390	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	97223	4.434	ug/L	97
47) Tetrachloroethene	8.551	164	115624	4.573	ug/L	97
48) 2-Hexanone	8.686	43	465437	45.569	ug/L	98
49) Dibromochloromethane	8.805	129	111408	4.428	ug/L	97
50) 1,2-Dibromoethane	8.920	107	90063	4.396	ug/L	98
51) Chlorobenzene	9.444	112	374241	4.461	ug/L	99
52) Ethylbenzene	9.567	91	643097	4.539	ug/L	99
53) m,p-Xylene	9.692	106	249022	4.621	ug/L	96
54) o-Xylene	10.097	106	239393	4.635	ug/L	97
55) Styrene	10.113	104	404850	4.791	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.779	83	117772	4.571	ug/L	96
59) Bromoform	10.287	173	65668	4.358	ug/L	98
60) Isopropylbenzene	10.480	105	644291	4.580	ug/L	100
61) 1,2,3-Trichloropropane	10.821	75	81029	4.326	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	514874	4.513	ug/L	99
63) 1,2,4-Trimethylbenzene	11.464	105	519405	4.641	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	303173	4.550	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	295153	4.480	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	275074	4.480	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	15808	4.001	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	225956	4.528	ug/L	99
70) 1,2,4-trichlorobenzene	13.837	180	172664	4.361	ug/L	98
71) Naphthalene	14.084	128	230155	3.920	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	144309	4.158	ug/L	99

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

