

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056472.D
 Acq On : 18 Nov 2023 10:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Nov 18 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	306034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	155077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83727	3.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.907	69	65697	3.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.560	65	40153	3.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.621	46	240967	51.753	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.500%
24) Chloroform-d	5.055	84	201326	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	96511	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	366663	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.685	67	116114	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.894	98	324511	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	44110	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.631	63	210865	50.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96395	4.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	118134	4.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	132013	5.337	ug/L	98
3) Chloromethane	1.515	50	127896	5.060	ug/L	98
5) Vinyl chloride	1.602	62	127404	5.231	ug/L	100
6) Bromomethane	1.853	94	60748	4.928	ug/L	99
8) Chloroethane	1.927	64	69230	4.653	ug/L	97
9) Trichlorofluoromethane	2.132	101	191798	5.465	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	117538	5.641	ug/L	99
12) 1,1-Dichloroethene	2.573	96	101387	5.305	ug/L	93
13) Acetone	2.631	43	198087	49.951	ug/L	99
14) Carbon disulfide	2.788	76	285350	4.589	ug/L	99
15) Methyl Acetate	2.949	43	40222	5.699	ug/L	97
16) Methylene chloride	3.039	84	121731	4.813	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	250904	5.404	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	103777	5.278	ug/L	95
19) 1,1-Dichloroethane	3.862	63	208023	5.341	ug/L	98
21) 2-Butanone	4.701	43	262495	51.011	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	120920	5.423	ug/L	95
23) Bromochloromethane	4.968	128	50883	5.544	ug/L	96
25) Chloroform	5.081	83	223804	5.304	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056472.D
 Acq On : 18 Nov 2023 10:33
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005164

Quant Time: Nov 18 23:12:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	132230	5.519	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	193074	5.496	ug/L	99
30) Cyclohexane	5.383	56	159220	4.775	ug/L	99
31) Carbon tetrachloride	5.518	117	163766	5.428	ug/L	99
33) Benzene	5.769	78	454579	5.206	ug/L	100
34) Trichloroethene	6.537	95	126001	5.296	ug/L	98
35) Methylcyclohexane	6.759	83	172327	5.017	ug/L	97
37) 1,2-Dichloropropane	6.785	63	121501	5.336	ug/L	99
38) Bromodichloromethane	7.100	83	156770	5.333	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	172345	5.151	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	607742	53.839	ug/L	99
42) Toluene	7.965	91	483471	5.348	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	141844	5.317	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	85758	5.655	ug/L	95
47) Tetrachloroethene	8.550	164	88988	5.547	ug/L	98
48) 2-Hexanone	8.682	43	474315	53.936	ug/L	99
49) Dibromochloromethane	8.807	129	97111	5.631	ug/L	99
50) 1,2-Dibromoethane	8.920	107	78385	5.475	ug/L	95
51) Chlorobenzene	9.444	112	306122	5.270	ug/L	99
52) Ethylbenzene	9.566	91	539871	5.378	ug/L	100
53) m,p-Xylene	9.692	106	198771	5.386	ug/L	99
54) o-Xylene	10.097	106	195109	5.443	ug/L	99
55) Styrene	10.113	104	337740	5.664	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	105500	5.697	ug/L	94
59) Bromoform	10.286	173	56047	5.802	ug/L	98
60) Isopropylbenzene	10.483	105	540733	5.407	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	72254	5.430	ug/L	97
62) 1,3,5-Trimethylbenzene	11.087	105	440808	5.368	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	437785	5.401	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	247423	5.439	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	241179	5.285	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	225555	5.404	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	14340	5.046	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	183770	5.365	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	141266	5.064	ug/L	97
71) Naphthalene	14.084	128	205623	4.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	120475	5.242	ug/L	98

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

